

BORING LOG						HOLE No. <b>SB01A1-1</b>	
1. COMPANY NAME URSGWC Federal Services			2. DRILLING SUBCONTRACTOR Connecticut Test Borings			SHEET 1 OF 2 SHEETS	
3. PROJECT Stratford Army Engine Plant Remedial Investigation			4. LOCATION Stratford, Connecticut				
5. NAME OF DRILLER Heinz Brodesser			6. MANUFACTURER'S DESIGNATION OF DRILL CME-45 Truck-mounted drill rig				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING 623,925.04		8b. EASTING 896,350.12	
		3-inch split spoon					
				9. SURFACE ELEVATION 4.5 feet			
				10. DATE STARTED 12/17/98		11. DATE COMPLETED 12/17/98	
12. OVERBURDEN THICKNESS N/A			15. DEPTH GROUNDWATER ENCOUNTERED 4.5 feet				
13. DEPTH DRILLED INTO ROCK N/A			16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A				
14. TOTAL DEPTH OF HOLE 6.4 feet			17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A				
18. GEOTECHNICAL SAMPLES		DISTURBED 1		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0	
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		21. TOTAL CORE RECOVERY	
		2		2		N/A	
22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL		23. NAME OF INSPECTOR Edmund Berry	
		X					
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
0.33		Asphalt					
1		SW-SM - Dk. brown, gravelly, c-f SAND, trace silt	PID - 6 ppm		SB01A1-1A	32	21" Recovery 12:40
						38	Remediation sample collected at this interval
2						27	
						18	
2.33		ML - Brown, sandy SILT, some gravel, trace organics	PID - 6 ppm			4	21" Recovery
3						1	Not Sampled
						1	
4						1	
4.33		CL-ML - Dk. Brown, silty CLAY, some m-f sand, gravel, trace organics	PID - 6 ppm		SB01A1-1C	1	23" Recovery 12:50
5							

HTW DRILLING LOG						HOLE No. <b>SB01A1-1</b>	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Edmund Berry			SHEET 2 OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6						1	End of boring
6.33						1	
						1	
7							
8							
9							
10							
11							
12							
13							

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7/24/02

PROJECT  
**Stratford Army Engine Plant Remedial Investigation**  
Project No. R98104

HOLE No.  
**SB01A1-1**

BORING LOG						HOLE No. <b>SB01A1-2</b>	
1. COMPANY NAME <b>URSGWC Federal Services</b>			2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET 1 OF 2 SHEETS	
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>				4. LOCATION <b>Stratford, Connecticut</b>			
5. NAME OF DRILLER <b>Heinz Brodesser</b>				6. MANUFACTURER'S DESIGNATION OF DRILL <b>CME-45 Truck-mounted drill rig</b>			
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) <b>623,995.77</b>		8b. EASTING <b>896,335.83</b>	
				9. SURFACE ELEVATION <b>6.44 feet</b>			
				10. DATE STARTED <b>12/17/98</b>		11. DATE COMPLETED <b>12/17/98</b>	
12. OVERBURDEN THICKNESS <b>N/A</b>				15. DEPTH GROUNDWATER ENCOUNTERED <b>4.5 feet</b>			
13. DEPTH DRILLED INTO ROCK <b>N/A</b>				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>			
14. TOTAL DEPTH OF HOLE <b>6.4 feet</b>				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>			
18. GEOTECHNICAL SAMPLES		DISTURBED <b>0</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>	
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC <b>2</b>		SEMI-VOCs <b>2</b>		METALS <b>2</b>	
						OTHER (SPECIFY) <b>CN, PCB</b>	
21. TOTAL CORE RECOVERY <b>N/A</b>							
22. DISPOSITION OF HOLE		BACKFILLED <b>X</b>		MONITORING WELL		OTHER (SPECIFY)	
						23. NAME OF INSPECTOR <b>Anthony Fernandez</b>	
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
0.33		Asphalt (2")					
1		SP - Brown, f. SAND, trace schist gravel	PID - 0 ppm		SB02A1-2A	14	19" Recovery 12:40
						21	
						22	
2						22	
2.33		SP/SM - Dk. brown to black, silty SAND, trace gravel, trace organic peat	PID - 0 ppm			6	12" Recovery Not Sampled
3						2	
						1	
4						1	
4.33		SP/SM - Same as above	PID - 0 ppm		SB02A1-2C	WH*	16" Recovery 13:40
5							*WH - Weight of hammer

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PROJECT  
**Stratford Army Engine Plant Remedial Investigation**  
Project No. R98104

HOLE No. **SB01A1-2**

HTW DRILLING LOG						HOLE No. SB01A1-2	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Anthony Fernandez			SHEET 2 OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6						WH	
6.4							End of boring
7							
8							
9							
10							
11							
12							
13							



BORING LOG						HOLE No. <b>SB03A1-1</b>	
1. COMPANY NAME <b>URSGWC Federal Services</b>			2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET <b>1</b> OF <b>2 SHEETS</b>	
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>				4. LOCATION <b>Stratford, Connecticut</b>			
5. NAME OF DRILLER <b>Heinz Brodesser</b>				6. MANUFACTURER'S DESIGNATION OF DRILL <b>CME-45 Truck-mounted drill rig</b>			
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) <b>623,911.28</b>		8b. EASTING <b>896,534.38</b>	
		3-inch split spoon		9. SURFACE ELEVATION <b>6.93 feet</b>			
10. DATE STARTED <b>12/16/98</b>				11. DATE COMPLETED <b>12/16/98</b>			
12. OVERBURDEN THICKNESS <b>N/A</b>				15. DEPTH GROUNDWATER ENCOUNTERED <b>5 feet</b>			
13. DEPTH DRILLED INTO ROCK <b>N/A</b>				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>			
14. TOTAL DEPTH OF HOLE <b>6.5 feet</b>				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)			
18. GEOTECHNICAL SAMPLES		DISTURBED <b>1</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>	
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC <b>2</b>		SEMI-VOCs <b>2</b>		21. TOTAL CORE RECOVERY <b>N/A</b>	
				METALS <b>2</b>		OTHER (SPECIFY) <b>CN, PCB, Remediation</b>	
22. DISPOSITION OF HOLE		BACKFILLED <b>X</b>		MONITORING WELL		23. NAME OF INSPECTOR <b>Edmund Berry</b>	
				OTHER (SPECIFY)			
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
0.5		Asphalt (5")					
1		SM - Dk. brown, c-f SAND, some silt, gravel	PID = 0 ppm		SB03A1-1A	8	14" Recovery 14:00
						9	Remediation sample collected at this interval
2						5	
2.5		ML - Brown, sandy SILT, some gravel	PID - 0 ppm			7	
3						3	21" Recovery
						3	Not sampled
4						4	
4.5		ML - Brown SILT, some gravel	PID - 0 ppm		SB03A1-1C	8	
5						7	10" Recovery 14:05

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PROJECT  
**Stratford Army Engine Plant Remedial Investigation**  
Project No. R98104

HOLE No.  
**SB03A1-1**

HTW DRILLING LOG						HOLE No. SB03A1-1	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Edmund Berry			SHEET 2 OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
						5	
						5	
6						3	
6.5							End of boring
7							
8							
9							
10							
11							
12							
13							

BORING LOG							HOLE No. <b>SB03B1-1</b>	
1. COMPANY NAME <b>URSGWC Federal Services</b>				2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET 1 OF 2 SHEETS	
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>				4. LOCATION <b>Stratford, Connecticut</b>				
5. NAME OF DRILLER <b>Heinz Brodesser</b>				6. MANUFACTURER'S DESIGNATION OF DRILL <b>CME-45 Truck-mounted drill rig</b>				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) <b>623,553.48</b>		8b. EASTING <b>896,084.52</b>		
		3-inch split spoon						
				9. SURFACE ELEVATION <b>8.24 feet</b>				
				10. DATE STARTED <b>12/17/98</b>		11. DATE COMPLETED <b>12/17/98</b>		
12. OVERBURDEN THICKNESS <b>N/A</b>				15. DEPTH GROUNDWATER ENCOUNTERED <b>5.5 feet</b>				
13. DEPTH DRILLED INTO ROCK <b>N/A</b>				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>				
14. TOTAL DEPTH OF HOLE <b>6 feet</b>				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>				
18. GEOTECHNICAL SAMPLES		DISTURBED <b>1</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC <b>2</b>		SEMI-VOCs <b>2</b>		METALS <b>2</b>		OTHER (SPECIFY) <b>CN, PCB, Remediation</b>
								21. TOTAL CORE RECOVERY <b>N/A</b>
22. DISPOSITION OF HOLE		BACKFILLED <b>X</b>		MONITORING WELL		23. NAME OF INSPECTOR <b>Anthony Fernandez</b>		
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h	
1		SM - Brown, silty, m-f SAND, trace f. gravel; roots noted	PID = 0 ppm		SB03B1-1A	5	13" Recovery 9:45  Remediation sample collected at this interval	
						16		
						14		
						12		
2		SP - Brown f. SAND, trace organics	PID = 0 ppm			4	12" Recovery Not sampled	
						4		
						3		
						2		
3								
4		SP - Same as above	PID = 0 ppm		SB03B1-1C	2	9" Recovery 9:50	
						1		
5								

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**Stratford Army Engine Plant Remedial Investigation**  
 Project No. R98104

HOLE No.  
**SB03B1-1**

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HTW DRILLING LOG						HOLE No. SB03B1-1	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Anthony Fernandez			SHEET 2 OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6						2	
						1	End of boring
7							
8							
9							
10							
11							
12							
13							

BORING LOG						HOLE No. <b>SB05A1-1</b>	
1. COMPANY NAME <b>URSGWC Federal Services</b>			2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET <b>1</b> OF <b>2 SHEETS</b>	
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>				4. LOCATION <b>Stratford, Connecticut</b>			
5. NAME OF DRILLER <b>Heinz Bodresser</b>				6. MANUFACTURER'S DESIGNATION OF DRILL <b>CME-45 Truck-mounted drill rig</b>			
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) <b>623,984.91</b>		8b. EASTING <b>896,534.14</b>	
				9. SURFACE ELEVATION <b>7.31 feet</b>			
				10. DATE STARTED <b>12/17/98</b>		11. DATE COMPLETED <b>12/17/98</b>	
12. OVERBURDEN THICKNESS <b>N/A</b>				15. DEPTH GROUNDWATER ENCOUNTERED <b>5 feet</b>			
13. DEPTH DRILLED INTO ROCK <b>N/A</b>				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>			
14. TOTAL DEPTH OF HOLE <b>6.2 feet</b>				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>			
18. GEOTECHNICAL SAMPLES		DISTURBED <b>0</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>	
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC <b>2</b>		SEMI-VOCs <b>2</b>		METALS <b>2</b>	
				OTHER (SPECIFY) <b>CN, PCB</b>		21. TOTAL CORE RECOVERY <b>N/A</b>	
22. DISPOSITION OF HOLE		BACKFILLED <b>X</b>		MONITORING WELL		23. NAME OF INSPECTOR <b>Edmund Berry</b>	
				OTHER (SPECIFY)			
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
0.17		Asphalt (1")					
		SP-SM - Brown, m-f SAND, trace f. gravel, c. sand, silt, glass & schist-like material	PID - bkqd		SB05A1-1A	5	14" Recovery 8:35
1						6	
						7	
2						8	
2.17		ML - Brown, m-f sandy SILT, some gravel	PID - bkqd			5	19" Recovery Not sampled
						3	
3						3	
						3	
4						3	
4.17		ML - Brown to black, m-f sandy SILT, some gravel	PID - bkqd		SB05A1-1C	4	17" Recovery 8:45
						2	
5							

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**PROJECT**  
**Stratford Army Engine Plant Remedial Investigation**  
 Project No. R98104

HOLE No. **SB05A1-1**

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HTW DRILLING LOG						HOLE No. SB05A1-1	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Edmund Berry			SHEET 2 OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6							End of boring
6.17						2	
						2	
7							
8							
9							
10							
11							
12							
13							

BORING LOG						HOLE No. <b>SB05A2-1</b>	
1. COMPANY NAME <b>URSGWC Federal Services</b>			2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET <b>1</b> OF <b>2 SHEETS</b>	
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>				4. LOCATION <b>Stratford, Connecticut</b>			
5. NAME OF DRILLER <b>Heinz Brodesser</b>				6. MANUFACTURER'S DESIGNATION OF DRILL <b>CME-45 Truck-mounted drill rig</b>			
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) <b>623,967.90</b>		8b. EASTING <b>896,622.86</b>	
		3-inch split spoon					
				9. SURFACE ELEVATION <b>6.60 feet</b>			
				10. DATE STARTED <b>12/16/98</b>		11. DATE COMPLETED <b>12/16/98</b>	
12. OVERBURDEN THICKNESS <b>N/A</b>				15. DEPTH GROUNDWATER ENCOUNTERED <b>5 feet</b>			
13. DEPTH DRILLED INTO ROCK <b>N/A</b>				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>			
14. TOTAL DEPTH OF HOLE <b>6.33 feet</b>				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>			
18. GEOTECHNICAL SAMPLES		DISTURBED <b>1</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>	
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC <b>2</b>		SEMI-VOCs <b>2</b>		METALS <b>2</b>	
						OTHER (SPECIFY) <b>CN, PCB, Remediation</b>	
21. TOTAL CORE RECOVERY <b>N/A</b>		22. DISPOSITION OF HOLE <b>BACKFILLED</b>		23. NAME OF INSPECTOR <b>Edmund Berry</b>			
		<b>MONITORING WELL</b>		<b>OTHER (SPECIFY)</b>			
		<b>X</b>					
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
0.33		Asphalt (4")					
1		SM - Dk. brown, c-f SAND, some gravel, silt	PID - 0 ppm			17	11" Recovery 13:15
						17	Remediation sample collected at this interval
						14	
2						22	
2.33		ML - Brown, sandy SILT, some gravel	PID - 0 ppm			6	15" Recovery
3						5	Not sampled
						5	
4						4	
4.33		ML - Brown SILT, some sand, trace gravel	PID - 0 ppm		SB05A2-1A	5	11" Recovery 13:20
5							
Modified MRK Form 55 URSGWC Federal Services Log prepared			PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104			HOLE No. <b>SB05A2-1</b>	

HTW DRILLING LOG						HOLE No. SB05A2-1	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Edmund Berry			SHEET 2 OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
						3	
						1	
6						1	
6.33							End of boring
7							
8							
9							
10							
11							
12							
13							

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PROJECT  
**Stratford Army Engine Plant Remedial Investigation**  
Project No. R98104

HOLE No.  
**SB05A2-1**



BORING LOG						HOLE No. <b>SB06A1-1</b>	
1. COMPANY NAME URSGWC Federal Services			2. DRILLING SUBCONTRACTOR Connecticut Test Borings			SHEET 1 OF 2 SHEETS	
3. PROJECT Stratford Army Engine Plant Remedial Investigation			4. LOCATION Stratford, Connecticut				
5. NAME OF DRILLER Heinz Brodesser			6. MANUFACTURER'S DESIGNATION OF DRILL CME-45 Truck-mounted drill rig				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) 624,004.42		8b. EASTING 896,787.04	
				9. SURFACE ELEVATION 7.63 feet			
				10. DATE STARTED 12/16/98		11. DATE COMPLETED 12/16/98	
12. OVERBURDEN THICKNESS N/A			15. DEPTH GROUNDWATER ENCOUNTERED 5.5 feet				
13. DEPTH DRILLED INTO ROCK N/A			16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A				
14. TOTAL DEPTH OF HOLE 6.17 feet			17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A				
18. GEOTECHNICAL SAMPLES		DISTURBED 0		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0	
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		METALS	
		2		2		2	
22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL		23. NAME OF INSPECTOR Edmund Bery	
		X					
21. TOTAL CORE RECOVERY N/A		CN, PCB					
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
0.17		Asphalt (1")					
		SP - Brown m-f SAND	PID = 0 ppm		SB06A1-1A	4	10" Recovery 10:50
1						4	
						3	
2						3	
2.17						4	No Recovery
						3	
3						2	
						4	
4							
4.17		SP - Brown m-f SAND, some gravel, trace green-stained sand	PID = 0 ppm		SB06A1-1C	7	10" Recovery 10:55
						13	
5							

HTW DRILLING LOG						HOLE No. SB06A1-1	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Edmund Berry			SHEET 2 OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6							End of boring
6.17						2	
						4	
7							
8							
9							
10							
11							
12							
13							

BORING LOG						HOLE No. <b>SB06A2-1</b>	
1. COMPANY NAME URSGWC Federal Services			2. DRILLING SUBCONTRACTOR Connecticut Test Borings			SHEET 1 OF 1 SHEETS	
3. PROJECT Stratford Army Engine Plant Remedial Investigation				4. LOCATION Stratford, Connecticut			
5. NAME OF DRILLER Heinz Brodesser				6. MANUFACTURER'S DESIGNATION OF DRILL CME-45 Truck-mounted drill rig			
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) 624,006.71		8b. EASTING (CT NAD 83) 896,728.45	
				9. SURFACE ELEVATION 4.80 feet			
				10. DATE STARTED 12/16/98		11. DATE COMPLETED 12/16/98	
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED 4 feet			
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A			
14. TOTAL DEPTH OF HOLE 4.17 feet				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A			
18. GEOTECHNICAL SAMPLES		DISTURBED 0		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0	
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC 2		SEMI-VOCs 2		METALS 2	
						OTHER (SPECIFY) CN, PCB	
21. TOTAL CORE RECOVERY N/A							
22. DISPOSITION OF HOLE		BACKFILLED X		MONITORING WELL		23. NAME OF INSPECTOR Edmund Berry	
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
0.17		Asphalt (1")					
		SP - Brown, gravelly, m-f SAND	PID = 2 ppm			6	11" Recovery 11:20
1						9	
						6	
2						4	
2.17		SM - Black, gravelly, m-f SAND, some silt, with strong petroleum odor	PID = 211 ppm			5	13" Recovery 11:25
						5	Free product and strong odor noted
3						3	
						3	
4							
4.17							End of boring
5							

Modified MRK Form 55  
 URSGWC Federal Services  
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PROJECT  
**Stratford Army Engine Plant Remedial Investigation**  
 Project No. R98104

HOLE No.  
**SB06A2-1**

BORING LOG							HOLE No. <b>SB06A2-2</b>	
1. COMPANY NAME URSGWC Federal Services			2. DRILLING SUBCONTRACTOR Connecticut Test Borings			SHEET 1 OF 2 SHEETS		
3. PROJECT Stratford Army Engine Plant Remedial Investigation				4. LOCATION Stratford, Connecticut				
5. NAME OF DRILLER Heinz Brodesser				6. MANUFACTURER'S DESIGNATION OF DRILL CME-45				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING		8b. EASTING		
		3-inch split spoon		623,881.06		896,829.05		
				9. SURFACE ELEVATION				
				6.48 feet				
				10. DATE STARTED		11. DATE COMPLETED		
				12/15/98		12/15/98		
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED 4.33 feet				
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A				
14. TOTAL DEPTH OF HOLE 6.33 feet				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A				
18. GEOTECHNICAL SAMPLES		DISTURBED 1		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		METALS		21. TOTAL CORE RECOVERY
						OTHER (SPECIFY) CN, PCB, Remediation		N/A
22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL		23. NAME OF INSPECTOR		
		X				Edmund Berry		
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c		FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
0.33		Asphalt (3")						
1		SM - Dk. brown, c-f SAND, some gravel, silt		PID - 0 ppm			21	17" Recovery 15:05
2		SP - Same as above		PID - 0 ppm			21	Remediation sample collected at this interval
2.33	20						MS/MSD samples collected at this interval	
3	20						3" spoon used	
4	7						22" Recovery	
4.33		SP - Same as above, gravel content decreases		PID - 0 ppm			7	Not sampled
5							8	
							7	
							7	
							4	18" Recovery 15:15

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 URSGWC Federal Services  
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PROJECT  
**Stratford Army Engine Plant Remedial Investigation**  
 Project No. R98104

HOLE No. **SB06A2-2**

7/24/02

HTW DRILLING LOG						HOLE No. SB06A2-2	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Edmund Berry			SHEET 2 OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
						5	
						4	
6						2	
6.33							End of boring
7							
8							
9							
10							
11							
12							
13							

BORING LOG							HOLE No. <b>SB06A2-3</b>	
1. COMPANY NAME URSGWC Federal Services			2. DRILLING SUBCONTRACTOR Connecticut Test Borings			SHEET 1 OF 2 SHEETS		
3. PROJECT Stratford Army Engine Plant Remedial Investigation				4. LOCATION Stratford, Connecticut				
5. NAME OF DRILLER H. Brodesser				6. MANUFACTURER'S DESIGNATION OF DRILL CME-45 Truck-mounted drill rig				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) 623,932.79		8b. EASTING (CT NAD 83) 896,794.93		
				9. SURFACE ELEVATION 6.72 feet				
				10. DATE STARTED 12/16/98		11. DATE COMPLETED 12/16/98		
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED 5 feet				
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A				
14. TOTAL DEPTH OF HOLE 6.42 feet				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A				
18. GEOTECHNICAL SAMPLES		DISTURBED 0		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		METALS		21. TOTAL CORE RECOVERY
		2		2		2		CN, PCB
22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL		23. NAME OF INSPECTOR		
		X				Edmund Berry		
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c		FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
0.42		Asphalt (4")						
1		SP - Brown m-f SAND, some gravel		PID - 0 ppm		SB06A2-3A	13	20" Recovery 9:50
							15	
2							16	
2.42		SP - Brown, gravelly, m-f SAND		PID - 0 ppm			11	
3							8	
							5	
4							3	
4.42		SP - Brown, gravelly, m-f SAND		PID - 3 ppm		SB06A2-3C	4	
5							4	12" Recovery 10:00

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 URSGWC Federal Services  
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PROJECT  
**Stratford Army Engine Plant Remedial Investigation**  
 Project No. R98104

HOLE No.  
**SB06A2-3**

7/24/02

HTW DRILLING LOG						HOLE No. SB06A2-3	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Edmund Berry			SHEET 2 OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
						2	
						3	
6						4	
6.42							End of boring
7							
8							
9							
10							
11							
12							
13							

BORING LOG						HOLE No. <b>SB06A3-1</b>	
1. COMPANY NAME URSGWC Federal Services			2. DRILLING SUBCONTRACTOR Connecticut Test Borings			SHEET 1 OF 2 SHEETS	
3. PROJECT Stratford Army Engine Plant Remedial Investigation			4. LOCATION Stratford, Connecticut				
5. NAME OF DRILLER H. Brodesser			6. MANUFACTURER'S DESIGNATION OF DRILL CME-45 Truck-mounted drill rig				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) 623,875.88		8b. EASTING (CT NAD 83) 896,681.02	
		3-inch split spoon					
				9. SURFACE ELEVATION 6.30 feet			
				10. DATE STARTED 12/16/98		11. DATE COMPLETED 12/16/98	
12. OVERBURDEN THICKNESS N/A			15. DEPTH GROUNDWATER ENCOUNTERED 5 feet				
13. DEPTH DRILLED INTO ROCK N/A			16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A				
14. TOTAL DEPTH OF HOLE 6.5 feet			17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A				
18. GEOTECHNICAL SAMPLES		DISTURBED 1		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0	
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		21. TOTAL CORE RECOVERY	
		2		2		N/A	
22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL		23. NAME OF INSPECTOR Edmund Bery	
		X					
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
0.5		Asphalt (4")					
1		SM - Brown, m-f SAND, some gravel, silt, trace coal-like material	PID - 0 ppm		SB06A3-1A	10	16" Recovery 8:45
2						11	Remediation sample collected at this interval
2.5						26	
3		SP - Brown, gravelly, m-f SAND, with staining and strong odor	PID - 81.9 ppm			33	
4						10	16" Recovery Not sampled
4.5						7	
						5	
						4	
5		SP - Black, gravelly, m-f SAND; free product and strong odor noted	PID - 150 ppm		SB06A3-1C	4	17" Recovery 9:00
Modified MRK Form 55 URSGWC Federal Services Log prepared 7/24/02			PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104			HOLE No. <b>SB06A3-1</b>	



HTW DRILLING LOG						HOLE No. SB06A3-1	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Edmund Berry			SHEET 2 OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6						5	
6.5						5	
7						6	
8							End of boring
9							
10							
11							
12							
13							

BORING LOG										HOLE No. <b>SB07A1-1</b>		
1. COMPANY NAME URSGWC Federal Services					2. DRILLING SUBCONTRACTOR Connecticut Test Borings					SHEET 1 OF 2 SHEETS		
3. PROJECT Stratford Army Engine Plant Remedial Investigation					4. LOCATION Stratford, Connecticut							
5. NAME OF DRILLER Heinz Brodesser					6. MANUFACTURER'S DESIGNATION OF DRILL CME-45 Truck-mounted drill rig							
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT			2-inch split spoon			8a. NORTHING (CT NAD 83) 622,965.34			8b. EASTING (CT NAD 83) 896,590.27			
			3-inch split spoon			9. SURFACE ELEVATION 7.66 feet			10. DATE STARTED 12/17/98			
						11. DATE COMPLETED 12/17/98						
12. OVERBURDEN THICKNESS N/A					15. DEPTH GROUNDWATER ENCOUNTERED 4.5 feet							
13. DEPTH DRILLED INTO ROCK N/A					16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A							
14. TOTAL DEPTH OF HOLE 6 feet					17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A							
18. GEOTECHNICAL SAMPLES			DISTURBED 1		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0					
20. SAMPLES FOR CHEMICAL ANALYSIS			VOC		SEMI-VOCs		METALS		OTHER (SPECIFY)		21. TOTAL CORE RECOVERY  N/A	
			2		2		2		CN, PCB, Remediation			
22. DISPOSITION OF HOLE			BACKFILLED		MONITORING WELL		OTHER (SPECIFY)		23. NAME OF INSPECTOR Edmund Berry			
			X									
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c			FIELD SCREENING RESULTS d		GEOTECH SAMPLE OR CORE BOX No. e		ANALYTICAL SAMPLE No. f		BLOW COUNTS g	REMARKS h
1		SM - Dk. brown, c-f SAND, some gravel, silt			PID - bkqd				SB07A1-1A		11	20" Recovery 11:15  Asphalt-like material present at the bottom of the spoon, not at the top, as would be expected  Remediation sample collected at this interval
											15	
											7	
											5	
2		ML - Brown, sandy SILT, trace gravel			PID - bkqd						2	22" Recovery Not sampled
											2	
											2	
											2	
4		SP - Brown, m-f SAND, trace gravel			PID - bkqd				SB07A1-1C		3	14" Recovery 11:25
											5	
5												

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HTW DRILLING LOG						HOLE No. SB07A1-1	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Edmund Berry			SHEET 2 OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6						8	
						11	End of boring
7							
8							
9							
10							
11							
12							
13							

BORING LOG							HOLE No. <b>SB08A1</b>	
1. COMPANY NAME URSGWC Federal Services			2. DRILLING SUBCONTRACTOR Connecticut Test Borings			SHEET 1 OF 2 SHEETS		
3. PROJECT Stratford Army Engine Plant Remedial Investigation				4. LOCATION Stratford, Connecticut				
5. NAME OF DRILLER John Oullette				6. MANUFACTURER'S DESIGNATION OF DRILL Black & Decker Core Drill				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon			8a. NORTHING (CT NAD 83) 622,608.80		8b. EASTING (CT NAD 83) 897,190.42	
		3-inch split spoon			9. SURFACE ELEVATION 8.10 feet			
		Jackhammer						
				10. DATE STARTED 1/7/99		11. DATE COMPLETED 1/7/99		
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED 5.33 feet				
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A				
14. TOTAL DEPTH OF HOLE 6.58 feet				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A				
18. GEOTECHNICAL SAMPLES		DISTURBED 1		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES N/A		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		METALS		21. TOTAL CORE RECOVERY
		2		2		2		N/A
22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL		OTHER (SPECIFY)		23. NAME OF INSPECTOR Edmund Berry
		X						
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c		FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
0.58		Concrete (7")						
1		SM - Brown, c-f SAND, some gravel, silt; micaceous material noted		PID = 0 ppm		SB08A1A		23: Recovery 16:30  Remediation sample collected at this interval
2								
2.58		SP/SM - Brown, m-f SAND, trace silt		PID = 0 ppm				17" Recovery  Not sampled
3								
4								
4.58		SP/SW - Brown, c-f SAND, some gravel		PID = 0 ppm		SB08A1C		18" Recovery 16:40
5								

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PROJECT  
**Stratford Army Engine Plant Remedial Investigation**  
 Project No. R98104

HOLE No.  
**SB08A1**

7/24/02

HTW DRILLING LOG						HOLE No. <b>SB08A1</b>	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Edmund Berry			SHEET OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6							
6.58							End of boring
7							
8							
9							
10							
11							
12							
13							

BORING LOG							HOLE No. <b>SB08A2</b>	
1. COMPANY NAME URSGWC Federal Services			2. DRILLING SUBCONTRACTOR Connecticut Test Borings			SHEET 1 OF 1 SHEETS		
3. PROJECT Stratford Army Engine Plant Remedial Investigation				4. LOCATION Stratford, Connecticut				
5. NAME OF DRILLER John Oulette				6. MANUFACTURER'S DESIGNATION OF DRILL Black & Decker Core Drill				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) 622,641.69		8b. EASTING (CT NAD 83) 897,074.11		
		3-inch split spoon		9. SURFACE ELEVATION 8.06 feet				
		Jackhammer						
				10. DATE STARTED 1/11/99		11. DATE COMPLETED 1/11/99		
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED N/A				
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A				
14. TOTAL DEPTH OF HOLE 4.58 feet				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A				
18. GEOTECHNICAL SAMPLES		DISTURBED 1		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES N/A		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		METALS		21. TOTAL CORE RECOVERY  N/A
		2		2		2		
22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL		OTHER (SPECIFY)		23. NAME OF INSPECTOR Edmund Berry
		X						
DEPTH (FEET) a	SAMPL. INT. b	DESCRIPTION OF MATERIALS c		FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
0.58		Concrete (7")						
1		SM - Brown, c-f SAND, some gravel, silt		PID - 5.1 ppm		SB08A2A		17" Recovery 13:00  Remediation sample collected at this interval
2								
2.58		SP/SM - Brown, silty m-f SAND, trace gravel				SB08A2B		17.5" Recovery 13:10
3								
4								
4.58								End of boring
5								

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PROJECT  
**Stratford Army Engine Plant Remedial Investigation**  
 Project No. R98104

HOLE No.  
**SB08A2**

7/24/02

BORING LOG										HOLE No. <b>SB08A3</b>		
1. COMPANY NAME URSGWC Federal Services					2. DRILLING SUBCONTRACTOR Connecticut Test Borings					SHEET 1 OF 1 SHEETS		
3. PROJECT Stratford Army Engine Plant Remedial Investigation					4. LOCATION Stratford, Connecticut							
5. NAME OF DRILLER John Oullette					6. MANUFACTURER'S DESIGNATION OF DRILL Black & Decker Core Drill							
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT			2-inch split spoon			8a. NORTHING (CT NAD 83) 622,715.82			8b. EASTING (CT NAD 83) 897,104.28			
			3-inch split spoon			9. SURFACE ELEVATION 8.15 feet						
			Jackhammer									
					10. DATE STARTED 12/16/98			11. DATE COMPLETED 12/16/98				
12. OVERBURDEN THICKNESS N/A					15. DEPTH GROUNDWATER ENCOUNTERED N/A							
13. DEPTH DRILLED INTO ROCK N/A					16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A							
14. TOTAL DEPTH OF HOLE 4.67 feet					17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A							
18. GEOTECHNICAL SAMPLES			DISTURBED 1		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES N/A					
20. SAMPLES FOR CHEMICAL ANALYSIS			VOC		SEMI-VOCs		METALS		OTHER (SPECIFY)		21. TOTAL CORE RECOVERY  N/A	
			2		2		2		CN, PCB, Remediation			
22. DISPOSITION OF HOLE			BACKFILLED		MONITORING WELL		OTHER (SPECIFY)		23. NAME OF INSPECTOR Edmund Berry			
			X									
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c			FIELD SCREENING RESULTS d		GEOTECH SAMPLE OR CORE BOX No. e		ANALYTICAL SAMPLE No. f		BLOW COUNTS g	REMARKS h
0.67		Concrete (8")										
1		SW-SM - Brown c-f SAND, some gravel, trace silt; micaceous material noted			PID = 7.5 ppm				SB08A3A			16.5" Recovery 14:15  Remediation sample collected at this interval
2												
2.67		SP - Same as above			PID = 0 ppm				SB08A3B			12" Recovery 14:20
3												
4												
4.67												End of boring
5												

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PROJECT  
**Stratford Army Engine Plant Remedial Investigation**  
 Project No. R98104

HOLE No.  
**SB08A3**

7/24/02

BORING LOG							HOLE No. <b>SB08C1-1</b>	
1. COMPANY NAME URSGWC Federal Services			2. DRILLING SUBCONTRACTOR Connecticut Test Borings			SHEET 1 OF 2 SHEETS		
3. PROJECT Stratford Army Engine Plant Remedial Investigation				4. LOCATION Stratford, Connecticut				
5. NAME OF DRILLER John Ouellette				6. MANUFACTURER'S DESIGNATION OF DRILL Black & Decker Core Drill				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) 623,160.17		8b. EASTING (CT NAD 83) 896,666.57		
		Jackhammer		9. SURFACE ELEVATION 7.97 feet				
				10. DATE STARTED 1/5/99		11. DATE COMPLETED 1/5/99		
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED 5 feet				
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A				
14. TOTAL DEPTH OF HOLE 6.33 feet				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A				
18. GEOTECHNICAL SAMPLES		DISTURBED 0		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		METALS		OTHER (SPECIFY)
		2		2		2		CN, PCB
21. TOTAL CORE RECOVERY N/A		22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL		OTHER (SPECIFY)
		X						23. NAME OF INSPECTOR Edmund Berry
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c		FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
0.33		Concrete (4")						
1		SP/SM - Brown, silty, m-f SAND		PID - 8.1 ppm		SB08C1-1A		18" Recovery 13:15
2		SP/SM - Same as above		PID - 1.7 ppm		SB08C1-1B		15" Recovery 13:20
3								
4		SP/SW - Brown, c-f SAND		PID - 1.2 ppm				19" Recovery
5								Not sampled
Modified MRK Form 55 URSGWC Federal Services Log prepared				PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104			HOLE No. <b>SB08C1-1</b>	



HTW DRILLING LOG						HOLE No. SB08C1-1	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Edmund Berry			SHEET 2 OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6							
6.33							End of boring
7							
8							
9							
10							
11							
12							
13							

BORING LOG							HOLE No. <b>SB08C2-1</b>	
1. COMPANY NAME URSGWC Federal Services			2. DRILLING SUBCONTRACTOR Connecticut Test Borings			SHEET 1 OF 2 SHEETS		
3. PROJECT Stratford Army Engine Plant Remedial Investigation				4. LOCATION Stratford, Connecticut				
5. NAME OF DRILLER John Oullette				6. MANUFACTURER'S DESIGNATION OF DRILL Black & Decker Core Drill				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) 623,194.30		8b. EASTING (CT NAD 83) 896,732.77		
		Jackhammer		9. SURFACE ELEVATION 7.92 feet				
				10. DATE STARTED 1/4/99		11. DATE COMPLETED 1/4/99		
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED 5 feet				
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A				
14. TOTAL DEPTH OF HOLE 6.5 feet				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A				
18. GEOTECHNICAL SAMPLES		DISTURBED 0		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		METALS		OTHER (SPECIFY)
		2		2		2		CN, PCB
22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL		OTHER (SPECIFY)		23. NAME OF INSPECTOR Edmund Berry
		X						
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c		FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
0.5		Concrete (6")						
1		SP/SM - Brown, silty, m-f SAND		PID - 0.4 ppm		SB08C2-1A		20" Recovery 9:20
2								
2.5		SP/SM - Same as above		PID - 0 ppm		SB08C2-1B		16" Recovery 9:25
3								
4								
4.5		SP/SW - Brown c-f SAND, some gravel		PID - 0 ppm				17" Recovery Not sampled
5								
Modified MRK Form 55 URSGWC Federal Services Log prepared				PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104			HOLE No. <b>SB08C2-1</b>	

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HTW DRILLING LOG						HOLE No. SB08C2-1	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Edmund Berry			SHEET OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6							
6.5							End of boring
7							
8							
9							
10							
11							
12							
13							

BORING LOG							HOLE No. <b>SB08C3-1 R1</b>	
1. COMPANY NAME URSGWC Federal Services				2. DRILLING SUBCONTRACTOR Connecticut Test Borings			SHEET 1 OF 1 SHEETS	
3. PROJECT Stratford Army Engine Plant Remedial Investigation				4. LOCATION Stratford, Connecticut				
5. NAME OF DRILLER Steve Butrej				6. MANUFACTURER'S DESIGNATION OF DRILL Black & Decker Core Drill				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) 623,422.09		8b. EASTING (CT NAD 83) 896,743.09		
		Jackhammer		9. SURFACE ELEVATION N/A		10. DATE STARTED 1/4/99		
				11. DATE COMPLETED 1/4/99				
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED N/A				
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A				
14. TOTAL DEPTH OF HOLE 2 feet				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A				
18. GEOTECHNICAL SAMPLES		DISTURBED 0		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC 0		SEMI-VOCs 0		METALS 0		21. TOTAL CORE RECOVERY N/A
		BACKFILLED		MONITORING WELL		OTHER (SPECIFY)		
22. DISPOSITION OF HOLE		X				23. NAME OF INSPECTOR Edmund Berry		
DEPTH (FEET) a	SAMPL. INT. b	DESCRIPTION OF MATERIALS c		FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
1		Concrete (2 ft)						13:30
2								Did not break through concrete slab
3								End of boring
4								
5								

<b>BORING LOG</b>							HOLE No. <b>SB08C3-1 R2</b>		
1. COMPANY NAME URSGWC Federal Services			2. DRILLING SUBCONTRACTOR Connecticut Test Borings			SHEET 1 OF 1 SHEETS			
3. PROJECT Stratford Army Engine Plant Remedial Investigation				4. LOCATION Stratford, Connecticut					
5. NAME OF DRILLER Steve Butrej				6. MANUFACTURER'S DESIGNATION OF DRILL Black & Decker Core Drill					
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) 623,422.09		8b. EASTING (CT NAD 83) 896,743.09			
		Jackhammer		9. SURFACE ELEVATION N/A					
				10. DATE STARTED 1/4/99		11. DATE COMPLETED 1/4/99			
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED N/A					
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A					
14. TOTAL DEPTH OF HOLE 1.08 feet				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A					
18. GEOTECHNICAL SAMPLES		DISTURBED 0		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0			
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC 0		SEMI-VOCs 0		METALS 0		OTHER (SPECIFY) N/A	
22. DISPOSITION OF HOLE		BACKFILLED X		MONITORING WELL		OTHER (SPECIFY)		23. NAME OF INSPECTOR Edmund Berry	
DEPTH (FEET) a		SMPL. INT. b		DESCRIPTION OF MATERIALS c		FIELD SCREENING RESULTS d		GEOTECH SAMPLE OR CORE BOX No. e	
								ANALYTICAL SAMPLE No. f	
								BLOW COUNTS g	
								REMARKS h	
1				Concrete (12.5")				13:45	
								Did not break through concrete slab	
								End of boring	
2									
3									
4									
5									
Modified MRK Form 55 URSGWC Federal Services Log prepared				7/24/02				PROJECT Stratford Army Engine Plant Remedial Investigation Project No. R98104	
								HOLE No. SB08C3-1 R2	

BORING LOG						HOLE No. <b>SB08C3-1 R3</b>	
1. COMPANY NAME URSGWC Federal Services			2. DRILLING SUBCONTRACTOR Connecticut Test Borings			SHEET 1 OF 1 SHEETS	
3. PROJECT Stratford Army Engine Plant Remedial Investigation				4. LOCATION Stratford, Connecticut			
5. NAME OF DRILLER Steve Butrej				6. MANUFACTURER'S DESIGNATION OF DRILL Black & Decker Core Drill			
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) 623,422.09		8b. EASTING (CT NAD 83) 896,743.09	
		3-inch split spoon		9. SURFACE ELEVATION 8.01 feet			
		Jackhammer					
				10. DATE STARTED 1/4/99		11. DATE COMPLETED 1/4/99	
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED 4.58 feet			
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A			
14. TOTAL DEPTH OF HOLE 4.83 feet				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A			
18. GEOTECHNICAL SAMPLES		DISTURBED 1		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES Zero	
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		21. TOTAL CORE RECOVERY	
		2		2		N/A	
22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL		23. NAME OF INSPECTOR Edmund Berry	
		X					
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
		Concrete (7")					
0.58							
0.83		Void (3")					
1		SP - Brown m-f SAND, some silt, trace gravel	PID - 0 ppm		SB08C3-1A		17.5" Recovery 14:10  Remediation sample collected at this interval  MS, MSD, and duplicate (SB89C3-1A) samples were collected at this interval
2							
2.83		SP/SW - Same as above	PID - 0 ppm		SB08C3-1B		22" Recovery
3							
4							
4.83							End of boring
5							
Modified MRK Form 55 URSGWC Federal Services Log prepared			PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104			HOLE No. <b>SB08C3-1 R3</b>	

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BORING LOG							HOLE No. <b>SB08C4-1</b>		
1. COMPANY NAME URSGWC Federal Services			2. DRILLING SUBCONTRACTOR Connecticut Test Borings				SHEET 1 OF 1 SHEETS		
3. PROJECT Stratford Army Engine Plant Remedial Investigation			4. LOCATION Stratford, Connecticut						
5. NAME OF DRILLER John Oullette			6. MANUFACTURER'S DESIGNATION OF DRILL Black & Decker Core Drill						
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) 622,819.67		8b. EASTING (CT NAD 83) 897,040.88			
		Jackhammer		9. SURFACE ELEVATION 7.80 feet					
				10. DATE STARTED 1/11/99			11. DATE COMPLETED 1/11/99		
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED N/A					
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A					
14. TOTAL DEPTH OF HOLE 4.5 feet				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A					
18. GEOTECHNICAL SAMPLES		DISTURBED 1		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0			
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		METALS		OTHER (SPECIFY)	
		2		2		2		CN, PCB, Remediation	
22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL		OTHER (SPECIFY)		21. TOTAL CORE RECOVERY N/A	
		X						23. NAME OF INSPECTOR Edmund Berry	
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c		FIELD SCREENING RESULTS d		GEOTECH SAMPLE OR CORE BOX No. e		ANALYTICAL SAMPLE No. f	
		Concrete (6")							
0.5		SM - Brown, c-f SAND, some gravel, silt; mica noted		PID - 0 ppm				SB08C4-1A	
1							17" Recovery 10:30  Remediation sample collected at this interval		
2									
2.5				SP - Brown, m-f SAND		PID - 0 ppm			
3							19.5" Recovery 10:35		
4									
4.5		END OF BORING							
5									

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 URSGWC Federal Services  
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PROJECT  
**Stratford Army Engine Plant Remedial Investigation**  
 Project No. R98104

HOLE No.  
**SB08C4-1**

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BORING LOG							HOLE No. <b>SB08D1</b>	
1. COMPANY NAME URSGWC Federal Services			2. DRILLING SUBCONTRACTOR Connecticut Test Borings			SHEET 1 OF 2 SHEETS		
3. PROJECT Stratford Army Engine Plant Remedial Investigation				4. LOCATION Stratford, Connecticut				
5. NAME OF DRILLER John Oulette				6. MANUFACTURER'S DESIGNATION OF DRILL Black & Decker Core Drill				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) 622,928.84		8b. EASTING (CT NAD 83) 897,119.55		
		Jackhammer		9. SURFACE ELEVATION 7.90 feet				
				10. DATE STARTED 1/11/99			11. DATE COMPLETED 1/11/99	
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED 5 feet				
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A				
14. TOTAL DEPTH OF HOLE 6.5 feet				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A				
18. GEOTECHNICAL SAMPLES		DISTURBED 2		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		METALS		21. TOTAL CORE RECOVERY
		2		2		2		N/A
22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL		23. NAME OF INSPECTOR		
		X				Edmund Berry		
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c		FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
0.5		Concrete (6")						Thin layer of red material noted while coring
1		SP/SW - Brown m-f SAND, some gravel		PID - 0 ppm		SB08D1A		14.5" Recovery 12:45
2								
2.5		SP/SM - Brown, silty, m-f SAND		PID - 0 ppm		SB08D1B		15" Recovery 12:50
3								
4								
4.5		SP/SW - Same as first interval		PID - 0 ppm				18" Recovery Not sampled
5								
Modified MRK Form 55 URSGWC Federal Services Log prepared				PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104			HOLE No. <b>SB08D1</b>	

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HTW DRILLING LOG						HOLE No. <b>SB08D1</b>	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Edmund Berry			SHEET 2 OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6							
6.5		END OF BORING					
7							
8							
9							
10							
11							
12							
13							

<b>BORING LOG</b>							HOLE No. <b>SB08D2 R1</b>		
1. COMPANY NAME <b>URSGWC Federal Services</b>			2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET 1 OF 1 SHEET			
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>				4. LOCATION <b>Stratford, Connecticut</b>					
5. NAME OF DRILLER <b>John Oullette</b>				6. MANUFACTURER'S DESIGNATION OF DRILL <b>Black &amp; Decker Core Drill</b>					
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) <b>622,972.61</b>		8b. EASTING (CT NAD 83) <b>897,118.30</b>			
		Jackhammer		9. SURFACE ELEVATION <b>8.1 feet</b>					
				10. DATE STARTED <b>1/11/99</b>			11. DATE COMPLETED <b>1/11/99</b>		
12. OVERBURDEN THICKNESS <b>N/A</b>				15. DEPTH GROUNDWATER ENCOUNTERED <b>N/A</b>					
13. DEPTH DRILLED INTO ROCK <b>N/A</b>				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>					
14. TOTAL DEPTH OF HOLE <b>0 feet</b>				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>					
18. GEOTECHNICAL SAMPLES		DISTURBED <b>0</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>			
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC <b>0</b>		SEMI-VOCs <b>0</b>		METALS <b>0</b>		OTHER (SPECIFY) <b>N/A</b>	
22. DISPOSITION OF HOLE		BACKFILLED <b>X</b>		MONITORING WELL		OTHER (SPECIFY)		23. NAME OF INSPECTOR <b>Edmund Berry</b>	
DEPTH (FEET) <b>a</b>	SMPL. INT. <b>b</b>	DESCRIPTION OF MATERIALS <b>c</b>		FIELD SCREENING RESULTS <b>d</b>		GEOTECH SAMPLE OR CORE BOX No. <b>e</b>		ANALYTICAL SAMPLE No. <b>f</b>	
								BLOW COUNTS <b>g</b>	
								REMARKS <b>h</b>	
1								Tried unsuccessfully to collect sample from open spot on the ground where soil was exposed	
2								Strong unidentified odor noted	
3									
4									
5									
Modified MRK Form 55 URSGWC Federal Services Log prepared				PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104				HOLE No. <b>SB08D2 R1</b>	

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BORING LOG						HOLE No. <b>SB08D2 R2</b>		
1. COMPANY NAME URSGWC Federal Services			2. DRILLING SUBCONTRACTOR Connecticut Test Borings			SHEET 1 OF 1 SHEETS		
3. PROJECT Stratford Army Engine Plant Remedial Investigation			4. LOCATION Stratford, Connecticut					
5. NAME OF DRILLER John Oullette			6. MANUFACTURER'S DESIGNATION OF DRILL Jackhammer					
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) 622,972.61		8b. EASTING (CT NAD 83) 897,118.30		
				9. SURFACE ELEVATION N/A				
				10. DATE STARTED 1/11/99		11. DATE COMPLETED 1/11/99		
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED N/A				
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A				
14. TOTAL DEPTH OF HOLE 1.5 feet				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A				
18. GEOTECHNICAL SAMPLES		DISTURBED 0		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC 0		SEMI-VOCs 0		21. TOTAL CORE RECOVERY N/A		
		METALS 0		OTHER (SPECIFY)				
22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL		23. NAME OF INSPECTOR Edmund Berry		
		X						
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c		FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
0.75 1 1.5		Pit (9")  SP/SW/GP - Brown-gray, gravelly, m-f SAND		PID = 605 ppm				12" Recovery  Not sampled Odor noted Refusal at 1.5 ft  End of boring
2 3 4 5								

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 URSGWC Federal Services  
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PROJECT  
**Stratford Army Engine Plant Remedial Investigation**  
 Project No. R98104

HOLE No.  
**SB08D2 R2**

7/24/02

BORING LOG							HOLE No. <b>SB08D2 R3</b>	
1. COMPANY NAME URSGWC Federal Services				2. DRILLING SUBCONTRACTOR Connecticut Test Borings			SHEET 1 OF 1 SHEETS	
3. PROJECT Stratford Army Engine Plant Remedial Investigation				4. LOCATION Stratford, Connecticut				
5. NAME OF DRILLER John Oullette				6. MANUFACTURER'S DESIGNATION OF DRILL Black & Decker Core Drill				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon			8a. NORTHING (CT NAD 83) 622,972.61		8b. EASTING (CT NAD 83) 897,118.30	
		3-inch split spoon						
		Jackhammer			9. SURFACE ELEVATION 8.10 feet			
					10. DATE STARTED 1/11/99		11. DATE COMPLETED 1/11/99	
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED N/A				
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A				
14. TOTAL DEPTH OF HOLE 4.5 feet				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A				
18. GEOTECHNICAL SAMPLES		DISTURBED 1		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		METALS		21. TOTAL CORE RECOVERY
		2		2		2		CN, PCB, Remediation N/A
22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL		23. NAME OF INSPECTOR		
		X				Edmund Berry		
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c		FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
0.5		Concrete (6")						
1		SM - Brown, silty m-f SAND; micaceous		PID = 5 ppm		SB08D2A		13" Recovery 8:55  Remediation sample collected at this interval
2								
2.5		SP/SM - Brown m-f SAND, trace silt		PID = 0.2 ppm		SB08D2B		15" Recovery 9:00
3								
4								
4.5								End of boring
5								

Modified MRK Form 55  
 URSGWC Federal Services  
 Log prepared

PROJECT  
**Stratford Army Engine Plant Remedial Investigation**  
 Project No. R98104

HOLE No.  
**SB08D2 R3**

BORING LOG						HOLE No. <b>SB08E1-1 R1</b>	
1. COMPANY NAME <b>URSGWC Federal Services</b>			2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET <b>1</b> OF <b>1 SHEETS</b>	
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>			4. LOCATION <b>Stratford, Connecticut</b>				
5. NAME OF DRILLER <b>John Oulette</b>			6. MANUFACTURER'S DESIGNATION OF DRILL <b>Black &amp; Decker Core Drill</b>				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) <b>N/A</b>		8b. EASTING (CT NAD 83) <b>N/A</b>	
		Jackhammer		9. SURFACE ELEVATION <b>N/A</b>			
				10. DATE STARTED <b>1/11/99</b>		11. DATE COMPLETED <b>1/11/99</b>	
12. OVERBURDEN THICKNESS <b>n/a</b>				15. DEPTH GROUNDWATER ENCOUNTERED <b>N/A</b>			
13. DEPTH DRILLED INTO ROCK <b>n/a</b>				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>			
14. TOTAL DEPTH OF HOLE <b>1.13 feet</b>				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>			
18. GEOTECHNICAL SAMPLES		DISTURBED <b>0</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>	
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC <b>0</b>		SEMI-VOCs <b>0</b>		METALS <b>0</b>	
				OTHER (SPECIFY)		21. TOTAL CORE RECOVERY <b>n/a</b>	
22. DISPOSITION OF HOLE		BACKFILLED <b>X</b>		MONITORING WELL		23. NAME OF INSPECTOR <b>Edmund Berry</b>	
				OTHER (SPECIFY)			
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
<div style="text-align: center;">1 1.13</div>		Concrete (13.5")					Did not break through concrete slab End of boring
<div style="text-align: center;">2</div>							
<div style="text-align: center;">3</div>							
<div style="text-align: center;">4</div>							
<div style="text-align: center;">5</div>							

Modified MRK Form 55 URSGWC Federal Services Log prepared	7/24/02	PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104	HOLE No. <b>SB08E1-1 R1</b>
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BORING LOG										HOLE No. <b>SB08E1-1 R2</b>		
1. COMPANY NAME URSGWC Federal Services					2. DRILLING SUBCONTRACTOR Connecticut Test Borings					SHEET 1 OF 2 SHEETS		
3. PROJECT Stratford Army Engine Plant Remedial Investigation					4. LOCATION Stratford, Connecticut							
5. NAME OF DRILLER John Oulette					6. MANUFACTURER'S DESIGNATION OF DRILL Black & Decker Core Drill							
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT			2-inch split spoon		8a. NORTHING (CT NAD 83) 623,314.62			8b. EASTING (CT NAD 83) 896,618.65				
			Jackhammer		9. SURFACE ELEVATION 7.99 feet							
					10. DATE STARTED 1/11/99			11. DATE COMPLETED 1/11/99				
12. OVERBURDEN THICKNESS N/A					15. DEPTH GROUNDWATER ENCOUNTERED 5 feet							
13. DEPTH DRILLED INTO ROCK N/A					16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A							
14. TOTAL DEPTH OF HOLE 6.4 feet					17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A							
18. GEOTECHNICAL SAMPLES			DISTURBED 1		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0					
20. SAMPLES FOR CHEMICAL ANALYSIS			VOC		SEMI-VOCs		METALS		OTHER (SPECIFY)		21. TOTAL CORE RECOVERY  N/A	
			2		2		2		CN, PCB			
22. DISPOSITION OF HOLE			BACKFILLED		MONITORING WELL		OTHER (SPECIFY)		23. NAME OF INSPECTOR Edmund Berry			
			X									
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c			FIELD SCREENING RESULTS d		GEOTECH SAMPLE OR CORE BOX No. e		ANALYTICAL SAMPLE No. f		BLOW COUNTS g	REMARKS h
0.4		Concrete (4.5")										
1		SP - Brown, m-f SAND			PID = 0 ppm				SB08E1-1A			14" Recovery 14:35
2												
2.4		SP/SW - Brown c-f SAND			PID = 0 ppm				SB08E1-1B			23" Recovery 14:40
3												
4												
4.4		SP/SM - Brown, silty m-f SAND			PID = 0 ppm							18" Recovery Not sampled
5												
Modified MRK Form 55 URSGWC Federal Services Log prepared					PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104					HOLE No. <b>SB08E1-1 R2</b>		

7/24/02

HTW DRILLING LOG						HOLE No. SB08E1-1 R2	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Edmund Berry			SHEET OF 2 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6							
6.4							End of boring
7							
8							
9							
10							
11							
12							
13							

Modified MRK Form 55  
URSGWC Federal Services  
Log prepared

7/24/02

PROJECT  
**Stratford Army Engine Plant Remedial Investigation**  
Project No. R98104

HOLE No.  
**SB08E1-1 R2**

BORING LOG							HOLE No. <b>SB08E1-2</b>	
1. COMPANY NAME URSGWC Federal Services				2. DRILLING SUBCONTRACTOR Connecticut Test Borings			SHEET 1 OF 1 SHEETS	
3. PROJECT Stratford Army Engine Plant Remedial Investigation				4. LOCATION Stratford, Connecticut				
5. NAME OF DRILLER John Oullette				6. MANUFACTURER'S DESIGNATION OF DRILL Black & Decker Core Drill				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) 623,194.80		8b. EASTING (CT NAD 83) 896,540.95		
		Jackhammer		9. SURFACE ELEVATION 8.01 feet				
				10. DATE STARTED 1/5/99		11. DATE COMPLETED 1/5/99		
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED 4.5 feet				
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A				
14. TOTAL DEPTH OF HOLE 5.08 feet				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A				
18. GEOTECHNICAL SAMPLES		DISTURBED X		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		METALS		OTHER (SPECIFY)
		2		2		2		CN, PCB
22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL		OTHER (SPECIFY)		21. TOTAL CORE RECOVERY N/A
		X				23. NAME OF INSPECTOR Edmund Berry		
DEPTH (FEET) a	SAMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h	
1 1.08		Concrete (13")						
2		SP/SM - Brown, silty m-f SAND, trace gravel	PID - 0 ppm		SB08E1-2A		15" Recovery 15:30	
3 3.08		SP/SM - Same as above, no gravel noted	PID - 0 ppm		SB08E1-2B		16" Recovery 15:40	
4								
5								
Modified MRK Form 55 URSGWC Federal Services Log prepared			PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104			HOLE No. <b>SB08E1-2</b>		

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HTW DRILLING LOG						HOLE No. SB08E1-2	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Edmund Berry			SHEET OF 2 1 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
5.08							End of boring
6							
7							
8							
9							
10							
11							
12							
13							

BORING LOG										HOLE No. <b>SB08F1-1</b>		
1. COMPANY NAME URSGWC Federal Services					2. DRILLING SUBCONTRACTOR Connecticut Test Borings					SHEET 1 OF 2 SHEETS		
3. PROJECT Stratford Army Engine Plant Remedial Investigation					4. LOCATION Stratford, Connecticut							
5. NAME OF DRILLER John Oullette					6. MANUFACTURER'S DESIGNATION OF DRILL Black & Decker Core Drill							
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT			2-inch split spoon			8a. NORTHING (CT NAD 83) 623,335.64			8b. EASTING 896,667.06			
			Jackhammer			9. SURFACE ELEVATION 7.98 feet						
						10. DATE STARTED 1/11/99			11. DATE COMPLETED 1/11/99			
12. OVERBURDEN THICKNESS N/A					15. DEPTH GROUNDWATER ENCOUNTERED 5.5 feet							
13. DEPTH DRILLED INTO ROCK N/A					16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A							
14. TOTAL DEPTH OF HOLE 6.46 feet					17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A							
18. GEOTECHNICAL SAMPLES			DISTURBED 0		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0					
20. SAMPLES FOR CHEMICAL ANALYSIS			VOC		SEMI-VOCs		METALS		OTHER (SPECIFY)		21. TOTAL CORE RECOVERY  N/A	
			2		2		2		CN, PCB			
22. DISPOSITION OF HOLE			BACKFILLED		MONITORING WELL		OTHER (SPECIFY)		23. NAME OF INSPECTOR Edmund Berry			
			X									
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c			FIELD SCREENING RESULTS d		GEOTECH SAMPLE OR CORE BOX No. e		ANALYTICAL SAMPLE No. f		BLOW COUNTS g	REMARKS h
0.46		Concrete (5.5")										
1		SP/SM - Brown m-f SAND, some silt and gravel			PID - 13.4 ppm				SB08F1-1A			15" Recovery 10:05
2												
2.46		SP/SM - Same as above, no gravel noted			PID - 4.5 ppm				SB08F1-1B			17" Recovery 10:15
3												
4												
4.46		SP/SW/GP - Brown, gravelly c-f SAND			PID - 1.2 ppm							18" Recovery
5												

Modified MRK Form 55  
 URSGWC Federal Services  
 Log prepared

PROJECT  
**Stratford Army Engine Plant Remedial Investigation**  
 Project No. R98104

HOLE No.  
**SB08F1-1**

7/24/02

HTW DRILLING LOG						HOLE No. SB08F1-1	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Edmund Berry			SHEET 2 OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6							
6.46							End of boring
7							
8							
9							
10							
11							
12							
13							

BORING LOG							HOLE No. <b>SB08F1-2</b>	
1. COMPANY NAME URSGWC Federal Services			2. DRILLING SUBCONTRACTOR Connecticut Test Borings			SHEET 1 OF 2 SHEETS		
3. PROJECT Stratford Army Engine Plant Remedial Investigation			4. LOCATION Stratford, Connecticut					
5. NAME OF DRILLER John Oullette			6. MANUFACTURER'S DESIGNATION OF DRILL Black & Decker Core Drill					
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon				8a. NORTHING (CT NAD 83)		8b. EASTING
		3-inch split spoon				623,273.68		896,722.27
		Jackhammer				9. SURFACE ELEVATION 7.97 feet		
						10. DATE STARTED 1/5/99		11. DATE COMPLETED 1/5/99
12. OVERBURDEN THICKNESS N/A			15. DEPTH GROUNDWATER ENCOUNTERED 5.08 feet					
13. DEPTH DRILLED INTO ROCK N/A			16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A					
14. TOTAL DEPTH OF HOLE 7.08 feet			17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A					
18. GEOTECHNICAL SAMPLES		DISTURBED 1		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		METALS		OTHER (SPECIFY)
		2		2		2		CN, PCB, Remediation
22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL		OTHER (SPECIFY)		21. TOTAL CORE RECOVERY N/A
		X				23. NAME OF INSPECTOR Edmund Berry		
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h	
1 1.08		Concrete (13")						
2		SP/SM - Brown, silty, m-f SAND, trace gravel; micaceous	PID - NA		SB08F1-2A		10" Recovery 10:55  Remediation sample collected at this interval	
3 3.08		SP/SM - Same as above, trace gravel	PID - NA		SB08F1-2B		8" Recovery 11:00	
4								
5								
Modified MRK Form 55 URSGWC Federal Services Log prepared			PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104			HOLE No. <b>SB08F1-2</b>		

HTW DRILLING LOG						HOLE No. SB08F1-2	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Edmund Berry			SHEET 2 OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
5.08		SP/SW/GP - Brown c-f SAND, some gravel	PID - NA				20" Recovery Not sampled
6							
7 7.08							End of boring
8							
9							
10							
11							
12							
13							

BORING LOG							HOLE No. <b>SB08G1-1</b>		
1. COMPANY NAME URSGWC Federal Services				2. DRILLING SUBCONTRACTOR Connecticut Test Borings			SHEET 1 OF 2 SHEETS		
3. PROJECT Stratford Army Engine Plant Remedial Investigation				4. LOCATION Stratford, Connecticut					
5. NAME OF DRILLER John Oullette				6. MANUFACTURER'S DESIGNATION OF DRILL Black & Decker Core Drill					
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) 623,358.62		8b. EASTING 896,598.69			
		3-inch split spoon		9. SURFACE ELEVATION 7.95 feet		10. DATE STARTED 1/11/99		11. DATE COMPLETED 1/11/99	
		Jackhammer							
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED 5.08 feet					
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A					
14. TOTAL DEPTH OF HOLE 6.5 feet				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A					
18. GEOTECHNICAL SAMPLES		DISTURBED 1		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0			
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		METALS		21. TOTAL CORE RECOVERY	
		2		2		2		CN, PCB, Remediation N/A	
22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL		OTHER (SPECIFY)		23. NAME OF INSPECTOR Edmund Berry	
		X							
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c		FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h	
0.5		Concrete (6")							
1		SP/SM/SW - Brown, silty c-f SAND, some gravel		PID - 5.1 ppm		SB08G1-1A		21" Recovery 15:00  Remediation sample collected at this interval	
2									
2.5		SP/SM/SC - Brown m-f SAND, some clay, silt		PID - 1.2 ppm		SB08G1-1B		17.5" Recovery 15:15	
3									
4									
4.5		SP/SW/GP - Brown, silty c-f SAND, some gravel		PID - 3.1 ppm				20" Recovery 15:20	
5								Not sampled	
Modified MRK Form 55 URSGWC Federal Services Log prepared				PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104			HOLE No. <b>SB08G1-1</b>		

HTW DRILLING LOG						HOLE No. SB08G1-1	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Edmund Berry			SHEET 2 OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6							
6.5							End of boring
7							
8							
9							
10							
11							
12							
13							

BORING LOG						HOLE No. <b>SB08H1-1</b>	
1. COMPANY NAME <b>URSGWC Federal Services</b>			2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET 1 OF 2 SHEETS	
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>			4. LOCATION <b>Stratford, Connecticut</b>				
5. NAME OF DRILLER <b>John Oullette</b>			6. MANUFACTURER'S DESIGNATION OF DRILL <b>Black &amp; Decker Core Drill</b>				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) <b>623,338.65</b>		8b. EASTING <b>896,533.72</b>	
		3-inch split spoon		9. SURFACE ELEVATION <b>8.04 feet</b>			
		Jackhammer					
		10. DATE STARTED <b>1/4/99</b>		11. DATE COMPLETED <b>1/4/99</b>			
12. OVERBURDEN THICKNESS <b>N/A</b>			15. DEPTH GROUNDWATER ENCOUNTERED <b>5.5 feet</b>				
13. DEPTH DRILLED INTO ROCK <b>N/A</b>			16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>				
14. TOTAL DEPTH OF HOLE <b>6.5 feet</b>			17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>				
18. GEOTECHNICAL SAMPLES		DISTURBED <b>1</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>	
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC <b>2</b>		SEMI-VOCs <b>2</b>		METALS <b>2</b>	
						OTHER (SPECIFY) <b>CN, PCB, Remediation</b>	
21. TOTAL CORE RECOVERY <b>N/A</b>		22. DISPOSITION OF HOLE <b>BACKFILLED</b>		23. NAME OF INSPECTOR <b>Edmund Berry</b>			
		<b>MONITORING WELL</b>		<b>OTHER (SPECIFY)</b>			
		<b>X</b>					
DEPTH (FEET) a	SAMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
0.5		Concrete (6")					
1		SM - Brown, c-f SAND, some gravel, silt	PID - 9.5 ppm		SB08H1-1A		19" Recovery 16:00 Remediation sample collected at this interval
2							
2.5		SP/SM - Brown, silty, m-f SAND	PID - 1.2 ppm				18.5" Recovery Not sampled
3							
4							
4.5		SP/SW/GP - Brown c-f SAND, some gravel	PID - 2.8 ppm		SB08H1-1C		20" Recovery 16:20
5							



HTW DRILLING LOG						HOLE No. SB08H1-1	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Edmund Berry			SHEET OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6							
6.5							End of boring
7							
8							
9							
10							
11							
12							
13							

BORING LOG							HOLE No. <b>SB08H1-2</b>	
1. COMPANY NAME <b>URSGWC Federal Services</b>			2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET <b>1</b> OF <b>2 SHEETS</b>		
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>				4. LOCATION <b>Stratford, Connecticut</b>				
5. NAME OF DRILLER <b>John Oullette</b>				6. MANUFACTURER'S DESIGNATION OF DRILL <b>Black &amp; Decker Core Drill</b>				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) <b>623,377.22</b>		8b. EASTING <b>896,532.02</b>		
		Jackhammer		9. SURFACE ELEVATION <b>7.94 feet</b>				
				10. DATE STARTED <b>1/11/99</b>		11. DATE COMPLETED <b>1/11/99</b>		
12. OVERBURDEN THICKNESS <b>N/A</b>				15. DEPTH GROUNDWATER ENCOUNTERED <b>5.5 feet</b>				
13. DEPTH DRILLED INTO ROCK <b>N/A</b>				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>				
14. TOTAL DEPTH OF HOLE <b>6.38 feet</b>				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>				
18. GEOTECHNICAL SAMPLES		DISTURBED <b>0</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC <b>2</b>		SEMI-VOCs <b>2</b>		METALS <b>2</b>		OTHER (SPECIFY) <b>CN, PCB</b>
								21. TOTAL CORE RECOVERY <b>N/A</b>
22. DISPOSITION OF HOLE		BACKFILLED <b>X</b>		MONITORING WELL		OTHER (SPECIFY)		23. NAME OF INSPECTOR <b>Edmund Berry</b>
DEPTH (FEET) <b>a</b>	SMPL. INT. <b>b</b>	DESCRIPTION OF MATERIALS <b>c</b>		FIELD SCREENING RESULTS <b>d</b>	GEOTECH SAMPLE OR CORE BOX No. <b>e</b>	ANALYTICAL SAMPLE No. <b>f</b>	BLOW COUNTS <b>g</b>	REMARKS <b>h</b>
0.38		Concrete (4.5")						
1		SP/SM - Brown, silty, m-f SAND, some gravel		PID - 1.1 ppm		SB08H1-2A		23" Recovery 8:35
2								
2.38		SP/SM - Brown, silty, m-f SAND		PID - 0.6 ppm				18" Recovery  Not sampled
3								
4								
4.38		SP/SW - Brown, c-f SAND, trace gravel		PID - 0.8 ppm		SB08H1-2C		23" Recovery 9:30
5								
Modified MRK Form 55 URSGWC Federal Services Log prepared <b>03/02/2000</b>				PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104			HOLE No. <b>SB08H1-2</b>	

HTW DRILLING LOG						HOLE No. SB08H1-2	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Edmund Berry			SHEET OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6							
6.38							End of boring
7							
8							
9							
10							
11							
12							
13							

BORING LOG							HOLE No. <b>SB0811-1</b>	
1. COMPANY NAME <b>URSGWC Federal Services</b>			2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET 1 OF 2 SHEETS		
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>			4. LOCATION <b>Stratford, Connecticut</b>					
5. NAME OF DRILLER <b>Steve Butrej</b>			6. MANUFACTURER'S DESIGNATION OF DRILL <b>Black &amp; Decker Core Drill</b>					
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) <b>623,583.69</b>		8b. EASTING <b>896,576.81</b>		
		3-inch split spoon		9. SURFACE ELEVATION <b>8.01 feet</b>		10. DATE STARTED <b>1/4/99</b>		
		Jackhammer						
				11. DATE COMPLETED <b>1/4/99</b>				
12. OVERBURDEN THICKNESS <b>N/A</b>			15. DEPTH GROUNDWATER ENCOUNTERED <b>5 feet</b>					
13. DEPTH DRILLED INTO ROCK <b>N/A</b>			16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>					
14. TOTAL DEPTH OF HOLE <b>6.58 feet</b>			17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>					
18. GEOTECHNICAL SAMPLES		DISTURBED <b>1</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		METALS		OTHER (SPECIFY)
		2		2		2		CN, PCB, Remed.
21. TOTAL CORE RECOVERY <b>N/A</b>		22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL		OTHER (SPECIFY)
		X						23. NAME OF INSPECTOR <b>Edmund Berry</b>
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h	
		Concrete (7")						
0.58		SM - Brown, c-f SAND, some gravel, silt	PID - 0 ppm		SB811-1A		17" Recovery 10:15  Remediation sample collected at this interval	
1								
2								
2.58		SP - Brown m-f SAND, trace gravel	PID - 0 ppm		SB811-1B		11" Recovery 10:20	
3								
4								
4.58		SP/SW - Brown c-f SAND	PID - 0 ppm				9" Recovery 10:25	
5								
Modified MRK Form 55 URSGWC Federal Services Log prepared			PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104			HOLE No. <b>SB0811-1</b>		

HTW DRILLING LOG						HOLE No. <b>SB0811-1</b>	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Edmund Berry			SHEET 2 OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6							
6.58							End of boring
7							
8							
9							
10							
11							
12							
13							

BORING LOG							HOLE No. <b>SB0811-2</b>		
1. COMPANY NAME URSGWC Federal Services			2. DRILLING SUBCONTRACTOR Connecticut Test Borings			SHEET 1 OF 2 SHEETS			
3. PROJECT Stratford Army Engine Plant Remedial Investigation				4. LOCATION Stratford, Connecticut					
5. NAME OF DRILLER Steve Butrej				6. MANUFACTURER'S DESIGNATION OF DRILL Black & Decker Core Drill					
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) 623,674.68		8b. EASTING 896,546.08			
		Jackhammer		9. SURFACE ELEVATION 7.17 feet					
				10. DATE STARTED 1/4/99			11. DATE COMPLETED 1/4/99		
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED 4.5 feet					
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A					
14. TOTAL DEPTH OF HOLE 5.75 feet				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A					
18. GEOTECHNICAL SAMPLES		DISTURBED 0		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0			
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		METALS		21. TOTAL CORE RECOVERY	
		2		2		2		CN, PCB N/A	
22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL		23. NAME OF INSPECTOR			
		X				Edmund Berry			
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c		FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h	
1		Concrete (21")							
1.75									
2		SP - Brown m-f SAND		PID = 0 ppm		SB0811-2A		18.5" Recovery 11:30	
3									
3.75									
4		SP/SW - Brown c-f SAND		PID = 0 ppm		SB0811-2B		21" Recovery 11:40	
5									
Modified MRK Form 55 URSGWC Federal Services Log prepared				PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104			HOLE No. <b>SB0811-2</b>		

HTW DRILLING LOG						HOLE No. <b>SB0811-2</b>	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Edmund Berry			SHEET OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
5.75							End of boring
6							
7							
8							
9							
10							
11							
12							
13							

BORING LOG							HOLE No. <b>SB08J1-1</b>		
1. COMPANY NAME URSGWC Federal Services			2. DRILLING SUBCONTRACTOR Connecticut Test Borings			SHEET 1 OF 2 SHEETS			
3. PROJECT Stratford Army Engine Plant Remedial Investigation				4. LOCATION Stratford, Connecticut					
5. NAME OF DRILLER John Oullette				6. MANUFACTURER'S DESIGNATION OF DRILL Black & Decker Core Drill					
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) 623,672.23		8b. EASTING 896,769.65			
		Jackhammer		9. SURFACE ELEVATION 7.76 feet					
				10. DATE STARTED 12/30/98			11. DATE COMPLETED 12/30/98		
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED 5.83 feet					
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A					
14. TOTAL DEPTH OF HOLE 6.42 feet				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A					
18. GEOTECHNICAL SAMPLES		DISTURBED 0		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0			
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		METALS		OTHER (SPECIFY)	
		2		2		2		CN, PCB	
22. DISPOSITION OF HOLE		BACKFILLED X		MONITORING WELL		OTHER (SPECIFY)		23. NAME OF INSPECTOR Ricardo Colón	
21. TOTAL CORE RECOVERY N/A									
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h		
0.42		Concrete (5")							
1		SP - Dk. gray, f. SAND, with rubble	PID - 0 ppm		SB08J1-1A		15" Recovery 9:15		
2		SP - Same as above	PID - 0 ppm				14" Recovery Not sampled		
3									
4									
4.42		SP/SM - Gray, f. SAND, some silt	PID - 0 ppm		SB08J1-1C		15" Recovery 9:30		
5									
Modified MRK Form 55 URSGWC Federal Services Log prepared			PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104			HOLE No. <b>SB08J1-1</b>			



HTW DRILLING LOG						HOLE No. SB08J1-1	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Ricardo Colón			SHEET OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6							
6.42							End of boring
7							
8							
9							
10							
11							
12							
13							

BORING LOG							HOLE No. <b>SB08K1-1</b>	
1. COMPANY NAME <b>URSGWC Federal Services</b>			2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET 1 OF 2 SHEETS		
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>				4. LOCATION <b>Stratford, Connecticut</b>				
5. NAME OF DRILLER <b>John Oullette</b>				6. MANUFACTURER'S DESIGNATION OF DRILL <b>Black &amp; Decker Core Drill</b>				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon			8a. NORTHING (CT NAD 83) <b>623,188.31</b>		8b. EASTING <b>896,927.41</b>	
		Jackhammer			9. SURFACE ELEVATION <b>8 feet</b>			
					10. DATE STARTED <b>1/7/99</b>		11. DATE COMPLETED <b>1/7/99</b>	
12. OVERBURDEN THICKNESS <b>N/A</b>				15. DEPTH GROUNDWATER ENCOUNTERED <b>5.17 feet</b>				
13. DEPTH DRILLED INTO ROCK <b>N/A</b>				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>				
14. TOTAL DEPTH OF HOLE <b>6.67 feet</b>				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>				
18. GEOTECHNICAL SAMPLES		DISTURBED <b>0</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC <b>2</b>		SEMI-VOCs <b>2</b>		METALS <b>2</b>		OTHER (SPECIFY) <b>CN, PCB</b>
								21. TOTAL CORE RECOVERY <b>N/A</b>
22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL		23. NAME OF INSPECTOR <b>Edmund Berry</b>		
		<b>X</b>						
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c		FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
0.67		Concrete (8")						
1		SP/SW - Brown m-f SAND, some gravel, with petroleum odor		PID - 7.1 ppm		SB08K1-1A		17" Recovery 8:20
2								
2.67		SP - Brown, m-f SAND, trace gravel with petroleum odor		PID - 13.5 ppm		SB08K1-1B		11.5" Recovery 8:25
3								
4								
4.67		SP - Same as above; grading to dk. brown, free product noted		PID - 8.1 ppm				12" Recovery
5								Not sampled
Modified MRK Form 55 URSGWC Federal Services Log prepared				PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104			HOLE No. <b>SB08K1-1</b>	

HTW DRILLING LOG						HOLE No. SB08K1-1	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Edmund Berry			SHEET OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6							
6.67							End of boring
7							
8							
9							
10							
11							
12							
13							

<b>BORING LOG</b>										HOLE No. <b>SB08K1-2</b>		
1. COMPANY NAME <b>URSGWC Federal Services</b>					2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>					SHEET <b>1</b> OF <b>1 SHEETS</b>		
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>					4. LOCATION <b>Stratford, Connecticut</b>							
5. NAME OF DRILLER <b>Steve Butrej</b>					6. MANUFACTURER'S DESIGNATION OF DRILL <b>Black &amp; Decker Core Drill</b>							
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT			2-inch split spoon			8a. NORTHING (CT NAD 83) <b>623,225.26</b>			8b. EASTING <b>896,898.15</b>			
			3-inch split spoon			9. SURFACE ELEVATION <b>7.97 feet</b>						
			Jackhammer									
			10. DATE STARTED <b>1/6/99</b>			11. DATE COMPLETED <b>1/6/99</b>						
12. OVERBURDEN THICKNESS <b>N/A</b>					15. DEPTH GROUNDWATER ENCOUNTERED <b>4.92 feet</b>							
13. DEPTH DRILLED INTO ROCK <b>N/A</b>					16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>							
14. TOTAL DEPTH OF HOLE <b>5 feet</b>					17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>							
18. GEOTECHNICAL SAMPLES			DISTURBED <b>1</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>					
20. SAMPLES FOR CHEMICAL ANALYSIS			VOC		SEMI-VOCs		METALS		OTHER (SPECIFY)		21. TOTAL CORE RECOVERY <b>N/A</b>	
			<b>2</b>		<b>2</b>		<b>2</b>		<b>CN, PCB, Remediation</b>			
22. DISPOSITION OF HOLE			BACKFILLED		MONITORING WELL		OTHER (SPECIFY)		23. NAME OF INSPECTOR <b>Edmund Berry</b>			
			<b>X</b>									
DEPTH (FEET) <b>a</b>	SMPL. INT. <b>b</b>	DESCRIPTION OF MATERIALS <b>c</b>			FIELD SCREENING RESULTS <b>d</b>		GEOTECH SAMPLE OR CORE BOX No. <b>e</b>		ANALYTICAL SAMPLE No. <b>f</b>		BLOW COUNTS <b>g</b>	REMARKS <b>h</b>
1		Concrete (1 ft)										
2		SW-SM - Dk. brown, m-f SAND, some gravel, trace c. sand, silt, with slight petroleum odor; iron metal noted, micaceous			PID - 2.4 ppm				SB08K1-2A			13.5" Recovery 15:30  Remediation sample collected at this interval
3		SP/SM - Dk. brown, silty m-f SAND, some gravel, with slight petroleum odor			PID - 3.9 ppm				SB08K1-2B			13" Recovery 15:50
4												
5												End of boring
Modified MRK Form 55 URSGWC Federal Services Log prepared					PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104					HOLE No. <b>SB08K1-2</b>		

HTW DRILLING LOG						HOLE No. <b>SB08K1-2</b>	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Edmund Berry			SHEET OF 2 1 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6							
7							
8							
9							
10							
11							
12							
13							

BORING LOG							HOLE No. <b>SB08K1-3</b>	
1. COMPANY NAME URSGWC Federal Services			2. DRILLING SUBCONTRACTOR Connecticut Test Borings			SHEET 1 OF 2 SHEETS		
3. PROJECT Stratford Army Engine Plant Remedial Investigation				4. LOCATION Stratford, Connecticut				
5. NAME OF DRILLER Steve Butrej				6. MANUFACTURER'S DESIGNATION OF DRILL Black & Decker Core Drill				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) 623,269.26		8b. EASTING 896,857.99		
		3-inch split spoon		9. SURFACE ELEVATION 7.94 feet		10. DATE STARTED 1/6/99		
		Jackhammer						
						11. DATE COMPLETED 1/6/99		
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED 5.33 feet				
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A				
14. TOTAL DEPTH OF HOLE 6.42 feet				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A				
18. GEOTECHNICAL SAMPLES		DISTURBED 1		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		METALS		OTHER (SPECIFY)
		2		2		2		CN, PCB, Remediation
22. DISPOSITION OF HOLE		BACKFILLED X		MONITORING WELL		OTHER (SPECIFY)		21. TOTAL CORE RECOVERY N/A
						23. NAME OF INSPECTOR Edmund Berry		
DEPTH (FEET) a	SAMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h	
0.42		Concrete (5")						
1		SM - Brown, c-f SAND, some silt, trace c. sand micaceous	PID - 0 ppm		SB08K1-3A		21" Recovery 13:10  Remediation sample collected at this interval	
2								
2.42		SP - Brown, m-f SAND	PID - 0.1 ppm		SB08K1-3B		17" Recovery 13:15	
3								
4								
4.42		SP/SW - Brown c-f SAND, trace gravel	PID - 1.2 ppm				22" Recovery Not sampled	
5								
Modified MRK Form 55 URSGWC Federal Services Log prepared			PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104			HOLE No. <b>SB08K1-3</b>		

HTW DRILLING LOG						HOLE No. <b>SB08K1-3</b>	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Edmund Berry			SHEET OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6							
6.42							End of boring
7							
8							
9							
10							
11							
12							
13							

<b>BORING LOG</b>							HOLE No. <b>SB08K1-4 R1</b>		
1. COMPANY NAME <b>URSGWC Federal Services</b>				2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET <b>1</b> OF <b>1 SHEETS</b>		
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>				4. LOCATION <b>Stratford, Connecticut</b>					
5. NAME OF DRILLER <b>Steve Butrej</b>				6. MANUFACTURER'S DESIGNATION OF DRILL <b>Black &amp; Decker Core Drill</b>					
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) <b>623,313.25</b>		8b. EASTING <b>896,832.62</b>			
		Jackhammer		9. SURFACE ELEVATION <b>7.97 feet</b>					
				10. DATE STARTED <b>1/6/99</b>		11. DATE COMPLETED <b>1/6/99</b>			
				12. OVERBURDEN THICKNESS <b>N/A</b>					
13. DEPTH DRILLED INTO ROCK <b>N/A</b>				15. DEPTH GROUNDWATER ENCOUNTERED <b>N/A</b>					
14. TOTAL DEPTH OF HOLE <b>1.17 feet</b>				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>					
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>				18. GEOTECHNICAL SAMPLES					
		DISTURBED <b>0</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>			
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC <b>0</b>		SEMI-VOCs <b>0</b>		METALS <b>0</b>		OTHER (SPECIFY) <b>N/A</b>	
		21. TOTAL CORE RECOVERY <b>N/A</b>							
22. DISPOSITION OF HOLE		BACKFILLED <b>X</b>		MONITORING WELL		OTHER (SPECIFY)		23. NAME OF INSPECTOR <b>Edmund Berry</b>	
DEPTH (FEET) <b>a</b>	SMPL. INT. <b>b</b>	DESCRIPTION OF MATERIALS <b>c</b>		FIELD SCREENING RESULTS <b>d</b>		GEOTECH SAMPLE OR CORE BOX No. <b>e</b>		ANALYTICAL SAMPLE No. <b>f</b>	
		Concrete (14")							
1								Did not break through concrete	
1.17								End of boring	
2									
3									
4									
5									
Modified MRK Form 55 URSGWC Federal Services Log prepared				PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104				HOLE No. <b>SB08K1-4 R1</b>	



BORING LOG							HOLE No. <b>SB08K1-4 R2</b>		
1. COMPANY NAME URSGWC Federal Services			2. DRILLING SUBCONTRACTOR Connecticut Test Borings			SHEET 1 OF 1 SHEETS			
3. PROJECT Stratford Army Engine Plant Remedial Investigation				4. LOCATION Stratford, Connecticut					
5. NAME OF DRILLER John Oullette				6. MANUFACTURER'S DESIGNATION OF DRILL Black & Decker Core Drill					
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) 623,313.25		8b. EASTING 896,832.62			
		Jackhammer		9. SURFACE ELEVATION 7.97 feet					
				10. DATE STARTED 1/6/99			11. DATE COMPLETED 1/6/99		
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED 5.33 feet					
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A					
14. TOTAL DEPTH OF HOLE 4.67 feet				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A					
18. GEOTECHNICAL SAMPLES		DISTURBED 0		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0			
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		METALS		OTHER (SPECIFY)	
		2		2		2		CN, PCB	
22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL		OTHER (SPECIFY)		23. NAME OF INSPECTOR Edmund Berry	
		X							
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c		FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h	
1		Concrete (20")							
1.67		SP/SM - Brown m-f SAND, trace silt		PID - 0 ppm		SB08K1-4A		23" Recovery 10:00	
2									
3									
3.67		SP - Brown m-f SAND, trace gravel		PID - 0 ppm		SB08K1-4C		17" Recovery 10:10	
4									
5									
Modified MRK Form 55 URSGWC Federal Services Log prepared				PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104			HOLE No. <b>SB08K1-4 R2</b>		

HTW DRILLING LOG						HOLE No. <b>SB08K1-4 R2</b>	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Edmund Berry			SHEET OF 2 1 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
5.67							End of boring
6							
7							
8							
9							
10							
11							
12							
13							

BORING LOG							HOLE No. <b>SB08K2-1</b>		
1. COMPANY NAME URSGWC Federal Services			2. DRILLING SUBCONTRACTOR Connecticut Test Borings			SHEET 1 OF 2 SHEETS			
3. PROJECT Stratford Army Engine Plant Remedial Investigation			4. LOCATION Stratford, Connecticut						
5. NAME OF DRILLER John Oullette			6. MANUFACTURER'S DESIGNATION OF DRILL Black & Decker Core Drill						
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) 623,043.15		8b. EASTING 897,005.24			
		Jackhammer		9. SURFACE ELEVATION 7.90 feet					
				10. DATE STARTED 1/8/99			11. DATE COMPLETED 1/8/99		
12. OVERBURDEN THICKNESS N/A			15. DEPTH GROUNDWATER ENCOUNTERED 5.42 feet						
13. DEPTH DRILLED INTO ROCK N/A			16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A						
14. TOTAL DEPTH OF HOLE 6.92 feet			17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A						
18. GEOTECHNICAL SAMPLES		DISTURBED 1		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0			
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		METALS		OTHER (SPECIFY)	
		2		2		2		CN, PCB, Remediation	
21. TOTAL CORE RECOVERY N/A									
22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL		OTHER (SPECIFY)		23. NAME OF INSPECTOR Edmund Berry	
		X							
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h		
0.92		Concrete (11")							
1		SM - Brown, silty, m-f SAND	PID - 0 ppm		SB08K2-1A		22" Recovery 12:05  Remediation sample collected at this interval		
2									
2.92		SP - Brown m-f SAND, trace gravel	PID - 0 ppm		SB08K2-1B		19" Recovery 12:10		
3									
4									
4.92		SP/SW - Brown c-f SAND	PID - 0 ppm				23" Recovery		
5									
Modified MRK Form 55 URSGWC Federal Services Log prepared			PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104				HOLE No. <b>SB08K2-1</b>		

HTW DRILLING LOG						HOLE No. SB08K2-1	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Edmund Berry			SHEET OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6							Not sampled
6.92 7							End of boring
8							
9							
10							
11							
12							
13							

BORING LOG										HOLE No. <b>SB08L1-2 R1</b>		
1. COMPANY NAME URSGWC Federal Services					2. DRILLING SUBCONTRACTOR Connecticut Test Borings					SHEET 1 OF 1 SHEETS		
3. PROJECT Stratford Army Engine Plant Remedial Investigation					4. LOCATION Stratford, Connecticut							
5. NAME OF DRILLER Heinz Brodesser					6. MANUFACTURER'S DESIGNATION OF DRILL CME-45 Truck-mounted drill rig							
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT			2-inch split spoon			8a. NORTHING (CT NAD 83) 623,339.70			8b. EASTING 897,811.36			
						9. SURFACE ELEVATION 7.18 feet						
						10. DATE STARTED 12/15/98			11. DATE COMPLETED 12/15/98			
12. OVERBURDEN THICKNESS N/A					15. DEPTH GROUNDWATER ENCOUNTERED N/A							
13. DEPTH DRILLED INTO ROCK N/A					16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A							
14. TOTAL DEPTH OF HOLE 3.17 feet					17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A							
18. GEOTECHNICAL SAMPLES			DISTURBED 0		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0					
20. SAMPLES FOR CHEMICAL ANALYSIS			VOC 1		SEMI-VOCs 1		METALS 1		OTHER (SPECIFY) CN, PCB		21. TOTAL CORE RECOVERY N/A	
			BACKFILLED X		MONITORING WELL		OTHER (SPECIFY)		23. NAME OF INSPECTOR Edmund Berry			
DEPTH (FEET) a	SAMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d		GEOTECH SAMPLE OR CORE BOX No. e		ANALYTICAL SAMPLE No. f		BLOW COUNTS g	REMARKS h		
0.33		Asphalt (2")										
1		SP - Brown, m-f SAND, trace gravel	PID - 0 ppm				SB08L1-2A		4	17" Recovery 8:30		
	5											
	4											
2	4											
2.33									5	No Recovery 8:35		
3	50/4"											
3.17										Refusal at 3' 2" End of boring		
4												
5												

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 URSGWC Federal Services  
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PROJECT  
**Stratford Army Engine Plant Remedial Investigation**  
 Project No. R98104

HOLE No.  
**SB08L1-2 R1**

7/24/02

BORING LOG						HOLE No. <b>SB08L1-2 R2</b>	
1. COMPANY NAME URSGWC Federal Services			2. DRILLING SUBCONTRACTOR Connecticut Test Borings			SHEET 1 OF 2 SHEETS	
3. PROJECT Stratford Army Engine Plant Remedial Investigation			4. LOCATION Stratford, Connecticut				
5. NAME OF DRILLER Heinz Brodesser			6. MANUFACTURER'S DESIGNATION OF DRILL CME-45 Truck-mounted drill rig				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) 623,339.70		8b. EASTING 897,811.36	
				9. SURFACE ELEVATION 7.17 feet			
				10. DATE STARTED 12/15/98		11. DATE COMPLETED 12/15/98	
12. OVERBURDEN THICKNESS N/A			15. DEPTH GROUNDWATER ENCOUNTERED 4.5 feet				
13. DEPTH DRILLED INTO ROCK N/A			16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A				
14. TOTAL DEPTH OF HOLE 6.33 feet			17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A				
18. GEOTECHNICAL SAMPLES		DISTURBED 0		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0	
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC 1		SEMI-VOCs 1		21. TOTAL CORE RECOVERY N/A	
				METALS 1		OTHER (SPECIFY) CN, PCB	
22. DISPOSITION OF HOLE		BACKFILLED X		MONITORING WELL		23. NAME OF INSPECTOR Edmund Berry	
				OTHER (SPECIFY)			
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
1							This interval (0 - 2.33') was sampled in previous run
2							
2.33							
3							
3		SP/SW - Brown m-f SAND, some gravel	PID - 28.7 ppm			4	12" Recovery
4						4	Not sampled
4.33		SP/SW - Same as above, grading to dk. brown; strong odor and free product noted	PID - 371 ppm		SB08L1-2B	3	21" Recovery 8:50
5							
Modified MRK Form 55 URSGWC Federal Services Log prepared			PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104			HOLE No. <b>SB08L1-2 R2</b>	

HTW DRILLING LOG						HOLE No. <b>SB08L1-2 R2</b>	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Edmund Berry			SHEET OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
						3	
						4	
6						3	
6.33							End of boring
7							
8							
9							
10							
11							
12							
13							

BORING LOG										HOLE No. <b>SB08L1-3</b>		
1. COMPANY NAME URSGWC Federal Services					2. DRILLING SUBCONTRACTOR Connecticut Test Borings					SHEET 1 OF 2 SHEETS		
3. PROJECT Stratford Army Engine Plant Remedial Investigation					4. LOCATION Stratford, Connecticut							
5. NAME OF DRILLER John Oullette					6. MANUFACTURER'S DESIGNATION OF DRILL Black & Decker Core Drill							
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT			2-inch split spoon			8a. NORTHING (CT NAD 83) 623,237.44			8b. EASTING 897,735.88			
						9. SURFACE ELEVATION 6.84 feet						
						10. DATE STARTED 12/15/98			11. DATE COMPLETED 12/15/98			
12. OVERBURDEN THICKNESS N/A					15. DEPTH GROUNDWATER ENCOUNTERED 4 feet							
13. DEPTH DRILLED INTO ROCK N/A					16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A							
14. TOTAL DEPTH OF HOLE 6.33 feet					17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A							
18. GEOTECHNICAL SAMPLES			DISTURBED 0		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0					
20. SAMPLES FOR CHEMICAL ANALYSIS			VOC		SEMI-VOCs		METALS		OTHER (SPECIFY)		21. TOTAL CORE RECOVERY	
			2		2		2		CN, PCB		N/A	
22. DISPOSITION OF HOLE			BACKFILLED		MONITORING WELL		OTHER (SPECIFY)		23. NAME OF INSPECTOR Edmund Berry			
			X									
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c			FIELD SCREENING RESULTS d		GEOTECH SAMPLE OR CORE BOX No. e		ANALYTICAL SAMPLE No. f		BLOW COUNTS g	REMARKS h
0.33		Asphalt (3")										
		SP/SW - Brown m-f SAND, some gravel			PID - 0 ppm				SB08L1-3A		4	24" Recovery 9:30
1											6	
											5	
2											5	
2.33		ML/OL/SM - Dark brown, m-f sandy SILT, with organic material			PID - 0 ppm				SB08L1-3B		2	24" Recovery 9:35
											4	
											6	
											8	
4											1	12" Recovery Not sampled
4.33		SP - Black m-f SAND										
5												

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**PROJECT**  
**Stratford Army Engine Plant Remedial Investigation**  
 Project No. R98104

HOLE No.  
**SB08L1-3**



HTW DRILLING LOG						HOLE No. SB08L1-3	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Edmund Berry			SHEET OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
						3	End of boring
						3	
6						2	
6.33							
7							
8							
9							
10							
11							
12							
13							

BORING LOG						HOLE No. <b>SB08L1-4</b>	
1. COMPANY NAME URSGWC Federal Services			2. DRILLING SUBCONTRACTOR Connecticut Test Borings			SHEET 1 OF 2 SHEETS	
3. PROJECT Stratford Army Engine Plant Remedial Investigation			4. LOCATION Stratford, Connecticut				
5. NAME OF DRILLER John Oullette			6. MANUFACTURER'S DESIGNATION OF DRILL CME-45 Truck-mounted drill rig				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) 623,126.26		8b. EASTING 897,454.67	
				9. SURFACE ELEVATION 7.21 feet			
				10. DATE STARTED 12/10/98		11. DATE COMPLETED 12/10/98	
12. OVERBURDEN THICKNESS N/A			15. DEPTH GROUNDWATER ENCOUNTERED 5.25 feet				
13. DEPTH DRILLED INTO ROCK N/A			16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A				
14. TOTAL DEPTH OF HOLE 6.67 feet			17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A				
18. GEOTECHNICAL SAMPLES		DISTURBED 0		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0	
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC 2		SEMI-VOCs 2		METALS 2	
				OTHER (SPECIFY) CN, PCB		21. TOTAL CORE RECOVERY N/A	
22. DISPOSITION OF HOLE		BACKFILLED X		MONITORING WELL		23. NAME OF INSPECTOR Edmund Berry	
				OTHER (SPECIFY)			
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
0.67		Concrete (8")					
1		SP - Light brown f. SAND, trace gravel			SB08L1-4A	6	10" Recovery 11:00
2						6	PID - Not available
2.67						12	
3		SP - Same as above				27	
4						5	10" Recovery
4.67						2	Not sampled
5		SP - Brown to dk. Brown f. SAND, trace gravel			SB08L1-4C	5	
						12	
						15	8" Recovery 11:15
Modified MRK Form 55 URSGWC Federal Services Log prepared			PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104			HOLE No. <b>SB08L1-4</b>	

HTW DRILLING LOG						HOLE No. SB08L1-4	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Edmund Berry			SHEET 2 OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6						3	
6.67						3	
7						3	End of boring
8							
9							
10							
11							
12							
13							

BORING LOG							HOLE No. <b>SB08L1-5</b>	
1. COMPANY NAME URSGWC Federal Services			2. DRILLING SUBCONTRACTOR Connecticut Test Borings			SHEET 1 OF 2 SHEETS		
3. PROJECT Stratford Army Engine Plant Remedial Investigation				4. LOCATION Stratford, Connecticut				
5. NAME OF DRILLER John Oullette				6. MANUFACTURER'S DESIGNATION OF DRILL Black & Decker Core Drill				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon			8a. NORTHING (CT NAD 83) 622,896.33		8b. EASTING 897,070.22	
		Jackhammer			9. SURFACE ELEVATION 7.88 feet			
					10. DATE STARTED 1/7/99		11. DATE COMPLETED 1/7/99	
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED 5.08 feet				
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A				
14. TOTAL DEPTH OF HOLE 6.5 feet				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A				
18. GEOTECHNICAL SAMPLES		DISTURBED 1		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		METALS		21. TOTAL CORE RECOVERY
		2		2		2		CN, PCB, Remediation N/A
22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL		23. NAME OF INSPECTOR Edmund Berry		
		2						
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c		FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
0.5		Concrete (6")						
1		SM - Brown, m-f SAND, some silt, trace gravel		PID - 0 ppm		SB08L1-5A		21" Recovery 10:40  Remediation sample collected at this interval
2								
2.5		SP - Brown, m-f SAND, trace gravel		PID - 0 ppm		SB08L1-5B		23" Recovery 10:45
3								
4								
4.5		SP/SW - Brown, c-f SAND, trace gravel		PID - 0 ppm				19" Recovery
5								Not sampled
Modified MRK Form 55 URSGWC Federal Services Log prepared				PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104			HOLE No. <b>SB08L1-5</b>	

HTW DRILLING LOG						HOLE No. SB08L1-5	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Edmund Berry			SHEET 2 OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6							
6.5							End of boring
7							
8							
9							
10							
11							
12							
13							

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PROJECT  
**Stratford Army Engine Plant Remedial Investigation**  
Project No. R98104

HOLE No.  
**SB08L1-5**

<b>BORING LOG</b>							HOLE No. <b>SB08L1-6 R1</b>		
1. COMPANY NAME <b>URSGWC Federal Services</b>			2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET 1 OF 1 SHEETS			
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>				4. LOCATION <b>Stratford, Connecticut</b>					
5. NAME OF DRILLER <b>John Oullette</b>				6. MANUFACTURER'S DESIGNATION OF DRILL <b>CME-45 Truck-mounted drill rig</b>					
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		3-inch split spoon		8a. NORTHING (CT NAD 83) <b>623,579.27</b>		8b. EASTING (CT NAD 83) <b>896,852.73</b>			
				9. SURFACE ELEVATION <b>6.96 feet</b>		11. DATE COMPLETED <b>12/8/98</b>			
				10. DATE STARTED <b>12/8/98</b>					
12. OVERBURDEN THICKNESS <b>N/A</b>				15. DEPTH GROUNDWATER ENCOUNTERED <b>N/A</b>					
13. DEPTH DRILLED INTO ROCK <b>N/A</b>				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>					
14. TOTAL DEPTH OF HOLE <b>1.5 feet</b>				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>					
18. GEOTECHNICAL SAMPLES		DISTURBED <b>0</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>			
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC <b>0</b>		SEMI-VOCs <b>0</b>		METALS <b>0</b>		OTHER (SPECIFY) <b>N/A</b>	
		21. TOTAL CORE RECOVERY <b>N/A</b>							
22. DISPOSITION OF HOLE		BACKFILLED <b>X</b>		MONITORING WELL		23. NAME OF INSPECTOR <b>Edmund Berry</b>			
DEPTH (FEET) <b>a</b>	SMPL. INT. <b>b</b>	DESCRIPTION OF MATERIALS <b>c</b>		FIELD SCREENING RESULTS <b>d</b>	GEOTECH SAMPLE OR CORE BOX No. <b>e</b>	ANALYTICAL SAMPLE No. <b>f</b>	BLOW COUNTS <b>g</b>	REMARKS <b>h</b>	
0.7		Concrete (8.5")							
1		SP - Light brown SAND, trace gravel		PID - 0 ppm				4" Recovery 8:45	
1.5								Refusal at 1.5 ft End of boring	
2									
3									
4									
5									

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**PROJECT**  
**Stratford Army Engine Plant Remedial Investigation**  
 Project No. R98104

HOLE No.  
**SB08L1-6 R1**

7/24/02

<b>BORING LOG</b>							HOLE No. <b>SB08L1-6 R2</b>		
1. COMPANY NAME <b>URSGWC Federal Services</b>			2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET <b>1</b> OF <b>2 SHEETS</b>			
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>				4. LOCATION <b>Stratford, Connecticut</b>					
5. NAME OF DRILLER <b>John Oulette</b>				6. MANUFACTURER'S DESIGNATION OF DRILL <b>CME-45 Truck-mounted drill rig</b>					
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) <b>623,579.27</b>		8b. EASTING (CT NAD 83) <b>896,852.73</b>			
				9. SURFACE ELEVATION <b>6.96 feet</b>		11. DATE COMPLETED <b>12/8/98</b>			
				10. DATE STARTED <b>12/8/98</b>					
12. OVERBURDEN THICKNESS <b>N/A</b>				15. DEPTH GROUNDWATER ENCOUNTERED <b>5.5 feet</b>					
13. DEPTH DRILLED INTO ROCK <b>N/A</b>				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>					
14. TOTAL DEPTH OF HOLE <b>6 feet</b>				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>					
18. GEOTECHNICAL SAMPLES		DISTURBED <b>0</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>			
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC <b>2</b>		SEMI-VOCs <b>2</b>		METALS <b>2</b>		OTHER (SPECIFY) <b>CN, PCB</b>	
								21. TOTAL CORE RECOVERY <b>N/A</b>	
22. DISPOSITION OF HOLE		BACKFILLED <b>X</b>		MONITORING WELL		OTHER (SPECIFY)		23. NAME OF INSPECTOR <b>Anthony Fernandez</b>	
DEPTH (FEET) <b>a</b>	SMPL. INT. <b>b</b>	DESCRIPTION OF MATERIALS <b>c</b>		FIELD SCREENING RESULTS <b>d</b>	GEOTECH SAMPLE OR CORE BOX No. <b>e</b>	ANALYTICAL SAMPLE No. <b>f</b>	BLOW COUNTS <b>g</b>	REMARKS <b>h</b>	
0.7  1	1	Concrete (8.5")						Drilled past this interval  No sample taken	
2  3  4	2	SP - Light brown f. SAND, trace gravel		PID - 0 ppm		SB08L1-6A	2	24" Recovery 9:45	
							3		
							2		
4  5	2	SP - Same as above, grading to dark brown		PID - 0 ppm		SB08L1-6B	2	24" Recovery 9:50	
2									

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PROJECT  
**Stratford Army Engine Plant Remedial Investigation**  
 Project No. R98104

HOLE No.  
**SB08L1-6 R2**

HTW DRILLING LOG						HOLE No. SB08L1-6 R2	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Anthony Fernandez			SHEET 2 OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6						3	End of boring
						5	
7							
8							
9							
10							
11							
12							
13							



<b>BORING LOG</b>							HOLE No. <b>SB08L1-7 R1</b>		
1. COMPANY NAME <b>URSGWC Federal Services</b>				2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET <b>1</b> OF <b>1 SHEETS</b>		
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>				4. LOCATION <b>Stratford, Connecticut</b>					
5. NAME OF DRILLER <b>John DeAngelis</b>				6. MANUFACTURER'S DESIGNATION OF DRILL <b>CME 45 Truck-mounted drill rig</b>					
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) <b>623,655.29</b>		8b. EASTING (CT NAD 83) <b>896,932.35</b>			
				9. SURFACE ELEVATION <b>6.74 feet</b>					
				10. DATE STARTED <b>12/7/98</b>		11. DATE COMPLETED <b>12/7/98</b>			
12. OVERBURDEN THICKNESS <b>N/A</b>				15. DEPTH GROUNDWATER ENCOUNTERED <b>N/A</b>					
13. DEPTH DRILLED INTO ROCK <b>N/A</b>				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>					
14. TOTAL DEPTH OF HOLE <b>4.83 feet</b>				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>					
18. GEOTECHNICAL SAMPLES		DISTURBED <b>0</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>			
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC <b>2</b>		SEMI-VOCs <b>1</b>		METALS <b>1</b>		OTHER (SPECIFY) <b>CN, PCB</b>	
								21. TOTAL CORE RECOVERY <b>N/A</b>	
22. DISPOSITION OF HOLE		BACKFILLED <b>X</b>		MONITORING WELL		OTHER (SPECIFY)		23. NAME OF INSPECTOR <b>Anthony Fernandez</b>	
DEPTH (FEET) <b>a</b>	SMPL. INT. <b>b</b>	DESCRIPTION OF MATERIALS <b>c</b>		FIELD SCREENING RESULTS <b>d</b>	GEOTECH SAMPLE OR CORE BOX No. <b>e</b>	ANALYTICAL SAMPLE No. <b>f</b>	BLOW COUNTS <b>g</b>	REMARKS <b>h</b>	
0.83 <b>1</b>		Concrete (9")							
2.83 <b>3</b>		SP - Light gray f. SAND, trace gravel, with strong petroleum odor		PID - 701 ppm		SB08I1-7A		18" Recovery 14:00	
4.83 <b>5</b>		SP - Gray-black f. SAND, some gravel		PID - 464 ppm		SB08I1-7B		10" Recovery 14:05  Sampled for VOCs only.  Did not reach water table  End of boring	

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PROJECT  
**Stratford Army Engine Plant Remedial Investigation**  
 Project No. R98104

HOLE No.  
**SB08L1-7 R1**

7/24/02

<b>BORING LOG</b>							HOLE No. <b>SB08L1-7 R2</b>
1. COMPANY NAME <b>URSGWC Federal Services</b>			2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET 1 OF 2 SHEETS	
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>				4. LOCATION <b>Stratford, Connecticut</b>			
5. NAME OF DRILLER <b>John DeAngelis</b>				6. MANUFACTURER'S DESIGNATION OF DRILL <b>CME-45 Truck mounted drill rig</b>			
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8. HOLE LOCATION <b>623,655.29</b>		8b. EASTING (CT NAD 83) <b>896,932.35</b>	
				9. SURFACE ELEVATION <b>6.74 feet</b>			
				8a. NORTHING (CT NAD 83) <b>12/7/98</b>		11. DATE COMPLETED <b>12/7/98</b>	
12. OVERBURDEN THICKNESS <b>N/A</b>				15. DEPTH GROUNDWATER ENCOUNTERED <b>4.5 feet</b>			
13. DEPTH DRILLED INTO ROCK <b>N/A</b>				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>			
14. TOTAL DEPTH OF HOLE <b>6.83 feet</b>				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>			
18. GEOTECHNICAL SAMPLES		DISTURBED <b>0</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>	
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC <b>1</b>		SEMI-VOCs <b>1</b>		METALS <b>1</b>	
				OTHER (SPECIFY) <b>CN, PCB</b>		21. TOTAL CORE RECOVERY <b>N/A</b>	
22. DISPOSITION OF HOLE		BACKFILLED <b>X</b>		MONITORING WELL		OTHER (SPECIFY)	
						23. NAME OF INSPECTOR <b>Anthony Fernandez</b>	
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
0.83		Concrete (9")					Not sampled  Driller augered down to 4.83 ft
1							
2							
2.83							
3							Not sampled
4							
4.83							
5		SP - Gray to dk. Gray f. SAND, trace gravel, with strong petroleum odor	PID - 350 ppm		SB08L1-7C		7" Recovery 15:20

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**PROJECT**  
**Stratford Army Engine Plant Remedial Investigation**  
 Project No. R98104

HOLE No.  
**SB08L1-7 R2**

HTW DRILLING LOG						HOLE No. SB08L1-7 R2	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Anthony Fernandez			SHEET 2 OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6							
6.83							End of boring
7							
8							
9							
10							
11							
12							
13							

<b>BORING LOG</b>										HOLE No. <b>SB08L1-8</b>		
1. COMPANY NAME URSGWC Federal Services					2. DRILLING SUBCONTRACTOR Connecticut Test Borings					SHEET 1 OF 2 SHEETS		
3. PROJECT Stratford Army Engine Plant Remedial Investigation					4. LOCATION Stratford, Connecticut							
5. NAME OF DRILLER John Oullette					6. MANUFACTURER'S DESIGNATION OF DRILL CME-45 Truck-mounted drill rig							
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT			2-inch split spoon			8a. NORTHING (CT NAD 83) 623,539.83			8b. EASTING (CT NAD 83) 897,072.11			
						9. SURFACE ELEVATION 7.31 feet						
						10. DATE STARTED 12/21/98			11. DATE COMPLETED 12/21/98			
12. OVERBURDEN THICKNESS N/A					15. DEPTH GROUNDWATER ENCOUNTERED 5 feet							
13. DEPTH DRILLED INTO ROCK N/A					16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A							
14. TOTAL DEPTH OF HOLE 6.75 feet					17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A							
18. GEOTECHNICAL SAMPLES			DISTURBED 0		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0					
20. SAMPLES FOR CHEMICAL ANALYSIS			VOC 2		SEMI-VOCs 2		METALS 2		OTHER (SPECIFY) CN, PCB		21. TOTAL CORE RECOVERY N/A	
22. DISPOSITION OF HOLE			BACKFILLED X		MONITORING WELL		OTHER (SPECIFY)		23. NAME OF INSPECTOR Edmund Berry			
DEPTH (FEET) a	SAMPL. INT. b	DESCRIPTION OF MATERIALS c			FIELD SCREENING RESULTS d		GEOTECH SAMPLE OR CORE BOX No. e		ANALYTICAL SAMPLE No. f		BLOW COUNTS g	REMARKS h
0.75		Concrete (8")										
1		SP/SW - Brown, m-f SAND, some gravel			PID - N/A						2	11" Recovery 8:15
											2	
2											1	
											2	
3		SP/SW - Brown f-c SAND, some gravel			PID - N/A						1	8" Recovery Not sampled
											1	
4											1	
											2	
5		SP/SW - Brown to dk. brown c-m SAND, some gravel			PID - N/A							20" Recovery 8:25

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PROJECT  
**Stratford Army Engine Plant Remedial Investigation**  
 Project No. R98104

HOLE No.  
**SB08L1-8**

HTW DRILLING LOG						HOLE No. SB08L1-8	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Edmund Berry			SHEET 2 OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
						2	
						2	
6						2	
6.75						1	End of boring
7							
8							
9							
10							
11							
12							
13							

BORING LOG							HOLE No. <b>SB08L1-9</b>	
1. COMPANY NAME <b>URSGWC Federal Services</b>			2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET 1 OF 2 SHEETS		
3. PROJECT <b>Stratford Army Engine Plant Remedial Investig 8a. NORTHING (CT Stratford, Connecticut</b>				4. LOCATION				
5. NAME OF DRILLER <b>John Oullette</b>				6. MANUFACTURER'S DESIGNATION OF DRILL <b>Black &amp; Decker Core Drill</b>				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8. HOLE LOCATION <b>623,347.95</b>		8b. EASTING (CT NAD 83) <b>896,979.24</b>		
		3-inch split spoon		9. SURFACE ELEVATION <b>7.98 feet</b>		11. DATE COMPLETED <b>12/29/98</b>		
		Jackhammer						
				10. DATE STARTED <b>12/29/98</b>				
12. OVERBURDEN THICKNESS <b>N/A</b>				15. DEPTH GROUNDWATER ENCOUNTERED <b>6 feet</b>				
13. DEPTH DRILLED INTO ROCK <b>N/A</b>				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>				
14. TOTAL DEPTH OF HOLE <b>6.5 feet</b>				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>				
18. GEOTECHNICAL SAMPLES		DISTURBED <b>0</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		METALS		OTHER (SPECIFY)
		<b>2</b>		<b>2</b>		<b>2</b>		<b>CN, PCB</b>
22. DISPOSITION OF HOLE		BACKFILLED <b>X</b>		MONITORING WELL		OTHER (SPECIFY)		21. TOTAL CORE RECOVERY <b>N/A</b>
						23. NAME OF INSPECTOR <b>Anthony Fernandez</b>		
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h	
		Concrete (6")						
0.5								
1		SP/GP/SM - Brown to dk. Brown, gravelly f. SAND, trace silt, with petroleum odor	PID - 3.1 ppm		SB08L1-9A		20" Recovery 16:00	
2								
2.5		SP - Brown f. SAND, trace gravel	PID - 0 ppm				24" Recovery	
3							Not sampled	
4								
4.5		SP - Same as above	PID - 4.3 ppm		SB08L1-9C		14" Recovery 16:10	
5								
Modified MRK Form 55 URSGWC Federal Services Log prepared			PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104			HOLE No. <b>SB08L1-9</b>		

HTW DRILLING LOG						HOLE No. SB08L1-9	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Anthony Fernandez			SHEET 2 OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6							
6.5							End of boring
7							
8							
9							
10							
11							
12							
13							

BORING LOG							HOLE No. <b>SB09A1-1</b>	
1. COMPANY NAME URSGWC Federal Services			2. DRILLING SUBCONTRACTOR Connecticut Test Borings			SHEET 1 OF 1 SHEETS		
3. PROJECT Stratford Army Engine Plant Remedial Investigation				4. LOCATION Stratford, Connecticut				
5. NAME OF DRILLER Steve Butrej				6. MANUFACTURER'S DESIGNATION OF DRILL Diedrich D-50 Truck-mounted drill rig				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) 623,681.93		8b. EASTING (CT NAD 83) 897,116.87		
		3-inch split spoon						
				9. SURFACE ELEVATION 7.08 feet				
				10. DATE STARTED 12/7/98		11. DATE COMPLETED 12/7/98		
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED 4.25 feet				
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A				
14. TOTAL DEPTH OF HOLE 4.5 feet				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A				
18. GEOTECHNICAL SAMPLES		DISTURBED 1		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		METALS		21. TOTAL CORE RECOVERY
		2		2		2		CN, PCB, Remediation N/A
22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL		OTHER (SPECIFY)		23. NAME OF INSPECTOR Edmund Berry
		X						
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c		FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
		Asphalt (2")						
0.5		SP-SM - Brown, gravelly, c-f SAND, trace silt		PID - 0 ppm		SB09A1-1A	15	16" Recovery 10:50  Remediation sample collected at this interval 3" spoon used
1	20							
2	15							
2.5	18							
3		SP/SC - Brown f. SAND, trace black clay, humus		PID - 25.1ppm		SB09A1-1B	5	20" Recovery 10:55
4	3							
	3							
4.5	2							
5								End of boring

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**PROJECT**  
**Stratford Army Engine Plant Remedial Investigation**  
 Project No. R98104

HOLE No.  
**SB09A1-1**

7/24/02



BORING LOG							HOLE No. <b>SB09A1-2</b>	
1. COMPANY NAME URSGWC Federal Services				2. DRILLING SUBCONTRACTOR Connecticut Test Borings			SHEET 1 OF 1 SHEETS	
3. PROJECT Stratford Army Engine Plant Remedial Investigation				4. LOCATION Stratford, Connecticut				
5. NAME OF DRILLER Steve Butrej				6. MANUFACTURER'S DESIGNATION OF DRILL Diedrich D-50 Truck-mounted drill rig				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) 623,679.43		8b. EASTING (CT NAD 83) 897,127.78		
		3-inch split spoon		9. SURFACE ELEVATION 7.07 feet				
				10. DATE STARTED 12/7/98		11. DATE COMPLETED 12/7/98		
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED 4.42 feet				
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A				
14. TOTAL DEPTH OF HOLE 4.5 feet				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A				
18. GEOTECHNICAL SAMPLES		DISTURBED 0		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC 2		SEMI-VOCs 2		METALS 2		OTHER (SPECIFY) CN, PCB
								21. TOTAL CORE RECOVERY N/A
22. DISPOSITION OF HOLE		BACKFILLED X		MONITORING WELL		23. NAME OF INSPECTOR Ricardo Colón		
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h	
		Asphalt (2-4")						
0.5		SP - Brown f. SAND, with seams of black clay and petroleum odor	PID - 7.2 ppm		SB09A1-2A	11	17" Recovery 3" spoon used MS, MSD samples collected at this interval	
1						16		
						18		
2						20		
		SP- Same as above	PID - 38.2 ppm		SB09A1-2B	11		
3						18		
						39		
4						10		
							End of boring	
5								

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<b>BORING LOG</b>										HOLE No. <b>SB09A1-3</b>		
1. COMPANY NAME <b>URSGWC Federal Services</b>					2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>					SHEET 1 OF 1 SHEETS		
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>					4. LOCATION <b>Stratford, Connecticut</b>							
5. NAME OF DRILLER <b>John Oullette</b>					6. MANUFACTURER'S DESIGNATION OF DRILL <b>Diedrich D-50 Truck-Mounted drill rig</b>							
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT			2-inch split spoon			8a. NORTHING (CT NAD 83) <b>623,710.98</b>			8b. EASTING (CT NAD 83) <b>897,072.84</b>			
						9. SURFACE ELEVATION <b>7.31 feet</b>						
						10. DATE STARTED <b>12/7/98</b>			11. DATE COMPLETED <b>12/7/98</b>			
12. OVERBURDEN THICKNESS <b>N/A</b>					15. DEPTH GROUNDWATER ENCOUNTERED <b>4.25 feet</b>							
13. DEPTH DRILLED INTO ROCK <b>N/A</b>					16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>							
14. TOTAL DEPTH OF HOLE <b>4.67 feet</b>					17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>							
18. GEOTECHNICAL SAMPLES			DISTURBED <b>0</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>					
20. SAMPLES FOR CHEMICAL ANALYSIS			VOC <b>2</b>		SEMI-VOCs <b>2</b>		METALS <b>2</b>		OTHER (SPECIFY) <b>CN, PCB</b>		21. TOTAL CORE RECOVERY <b>N/A</b>	
22. DISPOSITION OF HOLE			BACKFILLED <b>X</b>		MONITORING WELL		OTHER (SPECIFY)		23. NAME OF INSPECTOR <b>Ricardo Colón</b>			
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h					
0.67		Concrete (8")					Sample taken on exposed soil; coring was not necessary					
1		CL/SC - Dark gray, sandy CLAY, with strong petroleum odor	PID - 21.4 ppm		SB09A1-3A	5	14" Recovery 13:10					
	14											
	3											
2		CL/SC - Same as above	PID - 208 ppm		SB09A1-3B	3	24" Recovery 13:15					
	3											
	5											
2.67						3	End of boring					
	7											
3												
4												
4.67												
5												

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PROJECT  
**Stratford Army Engine Plant Remedial Investigation**  
 Project No. R98104

HOLE No.  
**SB09A1-3**

7/24/02

BORING LOG							HOLE No. <b>SB09A1-4</b>	
1. COMPANY NAME URSGWC Federal Services			2. DRILLING SUBCONTRACTOR Connecticut Test Borings			SHEET 1 OF 1 SHEETS		
3. PROJECT Stratford Army Engine Plant Remedial Investigation				4. LOCATION Stratford, Connecticut				
5. NAME OF DRILLER Steve Butrej				6. MANUFACTURER'S DESIGNATION OF DRILL Diedrich D-50 Truck-mounted drill rig				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) 623,721.22		8b. EASTING (CT NAD 83) 897,063.69		
				9. SURFACE ELEVATION 6.09 feet				
				10. DATE STARTED 12/7/98		11. DATE COMPLETED 12/7/98		
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED 4 feet				
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A				
14. TOTAL DEPTH OF HOLE 4.67 feet				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A				
18. GEOTECHNICAL SAMPLES		DISTURBED 0		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		METALS		21. TOTAL CORE RECOVERY
		2		2		2		N/A
22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL		23. NAME OF INSPECTOR Ricardo Colón		
		X						
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c		FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
0.67		SC/CL/ML - Brown f. clayey SAND		PID - 208 ppm		SB09A1-4A	6	14" Recovery 13:40
2		SC/CL/ML - Same as above		PID - 138 ppm		SB09A1-4B	5	12" Recovery 13:45
2.67							5	
3							3	
4							2	
4.67							3	
5							7	End of boring

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PROJECT  
**Stratford Army Engine Plant Remedial Investigation**  
 Project No. R98104

HOLE No.  
**SB09A1-4**

7/24/02

BORING LOG										HOLE No. <b>SB09A2-1</b>		
1. COMPANY NAME URSGWC Federal Services					2. DRILLING SUBCONTRACTOR Connecticut Test Borings					SHEET 1 OF 2 SHEETS		
3. PROJECT Stratford Army Engine Plant Remedial Investigation					4. LOCATION Stratford, Connecticut							
5. NAME OF DRILLER Steve Butrej					6. MANUFACTURER'S DESIGNATION OF DRILL Diedrich D-50 Truck-mounted drill rig							
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT			2-inch split spoon		8a. NORTHING (CT NAD 83) 623,667.88			8b. EASTING (CT NAD 83) 897,087.95				
			3-inch split spoon									
					9. SURFACE ELEVATION 6.95 feet							
					10. DATE STARTED 12/7/98			11. DATE COMPLETED 12/7/98				
12. OVERBURDEN THICKNESS N/A					15. DEPTH GROUNDWATER ENCOUNTERED 6.7 feet							
13. DEPTH DRILLED INTO ROCK N/A					16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A							
14. TOTAL DEPTH OF HOLE 7 feet					17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A							
18. GEOTECHNICAL SAMPLES			DISTURBED 0		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0					
20. SAMPLES FOR CHEMICAL ANALYSIS			VOC		SEMI-VOCs		METALS		OTHER (SPECIFY)		21. TOTAL CORE RECOVERY  N/A	
			2		2		2		CN, PCB			
22. DISPOSITION OF HOLE			BACKFILLED		MONITORING WELL		OTHER (SPECIFY)		23. NAME OF INSPECTOR Ricardo Colón			
			X									
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c			FIELD SCREENING RESULTS d		GEOTECH SAMPLE OR CORE BOX No. e		ANALYTICAL SAMPLE No. f		BLOW COUNTS g	REMARKS h
1		2										
		SP-SM - Brown f. SAND, trace silt			PID - 2.8 ppm				SB09A2-1A			15" Recovery 11:20  Duplicate taken for this sample (SB50A1-4A)
2		SP/SC - Brown f. SAND, some black clay										
3		SP/SC - Same as above			PID - 53.4 ppm							15" Recovery  Not sampled
4												
5												
Modified MRK Form 55 URSGWC Federal Services Log prepared					PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104					HOLE No. <b>SB09A2-1</b>		

HTW DRILLING LOG						HOLE No. SB09A2-1	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Ricardo Colón			SHEET 2 OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6		SP/SC - Same as above	PID - 636 ppm		SB09A2-1C		24" Recovery 11:25
7							End of boring
8							
9							
10							
11							
12							
13							

BORING LOG							HOLE No. <b>SB09B10-1</b>	
1. COMPANY NAME URSGWC Federal Services				2. DRILLING SUBCONTRACTOR Connecticut Test Borings			SHEET 1 OF 2 SHEETS	
3. PROJECT Stratford Army Engine Plant Remedial Investigation				4. LOCATION Stratford, Connecticut				
5. NAME OF DRILLER John DeAngelis				6. MANUFACTURER'S DESIGNATION OF DRILL CME-45 Truck-mounted drill rig				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) 623,605.63		8b. EASTING (CT NAD 83) 896,893.29		
				9. SURFACE ELEVATION 7.54 feet				
				10. DATE STARTED 12/7/98		11. DATE COMPLETED 12/7/98		
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED 5 feet				
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A				
14. TOTAL DEPTH OF HOLE 6 feet				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A				
18. GEOTECHNICAL SAMPLES		DISTURBED 0		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		METALS		OTHER (SPECIFY)
		2		2		2		CN, PCB
21. TOTAL CORE RECOVERY N/A		22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL		OTHER (SPECIFY)
		X						23. NAME OF INSPECTOR Anthony Fernandez
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h	
1		Concrete (18")					Driller went 6" past concrete slab	
2		SP - Brown, f. SAND, trace gravel	PID - 0 ppm		SB09B10-1A	8	22" Recovery 14:45	
3						5		
4						4		
5		SP - Dk. to lt. brown, f. SAND, trace gravel	PID - 0 ppm		SB09B10-1B	4	18" Recovery 14:50	
						3		

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PROJECT  
**Stratford Army Engine Plant Remedial Investigation**  
 Project No. R98104

HOLE No.  
**SB09B10-1**

7/24/02

HTW DRILLING LOG						HOLE No. <b>SB09B10-1</b>	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Anthony Fernandez			SHEET 2 OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6						3	
						2	End of boring
7							
8							
9							
10							
11							
12							
13							

BORING LOG							HOLE No. <b>SB09B11-1</b>	
1. COMPANY NAME URSGWC Federal Services			2. DRILLING SUBCONTRACTOR Connecticut Test Borings			SHEET 1 OF 2 SHEETS		
3. PROJECT Stratford Army Engine Plant Remedial Investigation				4. LOCATION Stratford, Connecticut				
5. NAME OF DRILLER John Oullette				6. MANUFACTURER'S DESIGNATION OF DRILL CME-45 Truck-mounted drill rig				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) 623,559.31		8b. EASTING (CT NAD 83) 896,901.53		
				9. SURFACE ELEVATION 7.47 feet				
				10. DATE STARTED 1/6/99			11. DATE COMPLETED 1/6/99	
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED 5.5 feet				
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A				
14. TOTAL DEPTH OF HOLE 6.67 feet				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A				
18. GEOTECHNICAL SAMPLES		DISTURBED 0		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		METALS		21. TOTAL CORE RECOVERY
		2		2		2		CN, PCB N/A
22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL		23. NAME OF INSPECTOR Anthony Fernandez		
		X						
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h	
0.67		Concrete (8")						
1		SP - Brown f. SAND, trace gravel	PID - 0 ppm		SB09B11-1A	3	11" Recovery 10:20	
2						3		
2.67						5		
3		SP - Brown to dk. brown f. SAND, some gravel	PID - 0 ppm			3		
4						2	10" Recovery	
4.67						1	Not sampled	
5		SP - Gray to dk. Gray f. SAND, trace gravel, peat	PID - n/a		SB09B11-1C	1	24" Recovery 10:30 PID malfunctioning	

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PROJECT  
**Stratford Army Engine Plant Remedial Investigation**  
 Project No. R98104

HOLE No.  
**SB09B11-1**

7/24/02



HTW DRILLING LOG						HOLE No. <b>SB09B11-1</b>	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Anthony Fernandez			SHEET OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6						1	
						4	End of boring
7							
8							
9							
10							
11							
12							
13							

BORING LOG							HOLE No. SB09B2-1 R1	
1. COMPANY NAME URSGWC Federal Services				2. DRILLING SUBCONTRACTOR Connecticut Test Borings			SHEET 1 OF 2 SHEETS	
3. PROJECT Stratford Army Engine Plant Remedial Investigation				4. LOCATION Stratford, Connecticut				
5. NAME OF DRILLER Heinz Brodesser				6. MANUFACTURER'S DESIGNATION OF DRILL CME-45 Truck-mounted drill rig				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) 623,513.47		8b. EASTING (CT NAD 83) 897,001.03		
		3-inch split spoon						
				9. SURFACE ELEVATION 7.4 feet				
				10. DATE STARTED 12/21/99		11. DATE COMPLETED 12/21/99		
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED 5 feet				
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A				
14. TOTAL DEPTH OF HOLE 6.58 feet				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A				
18. GEOTECHNICAL SAMPLES		DISTURBED 0		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		METALS		21. TOTAL CORE RECOVERY
		1		1		1		CN, PCB N/A
22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL		23. NAME OF INSPECTOR Anthony Fernandez		
		X						
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h	
0.58		Concrete (6")						
1		SP/GP - Brown, gravelly, f. SAND	PID - n/a			11	Poor Recovery	
						23	Not sampled	
2						18		
						7		
2.58								
3						3	No Recovery	
						2	Not sampled	
						2		
4								
						1		
4.58								
5		SP - Brown to grayish black SAND, trace gravel	PID - n/a		SB09B2-1C	2	24" Recovery 9:00	

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PROJECT  
**Stratford Army Engine Plant Remedial Investigation**  
 Project No. R98104

HOLE No.  
**SB09B2-1 R1**

HTW DRILLING LOG						HOLE No. SB09B2-1 R1	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Anthony Fernandez			SHEET 2 OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6						4	
6.58						4	
7						5	
8							End of boring
9							
10							
11							
12							
13							

BORING LOG						HOLE No. <b>SB09B2-1 R2</b>	
1. COMPANY NAME <b>URSGWC Federal Services</b>			2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET 1 OF 1 SHEETS	
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>			4. LOCATION <b>Stratford, Connecticut</b>				
5. NAME OF DRILLER <b>Heinz Brodesser</b>			6. MANUFACTURER'S DESIGNATION OF DRILL <b>CME-45 Truck-mounted drill rig</b>				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		3-inch split spoon		8a. NORTHING (CT NAD 83) <b>623,513.47</b>		8b. EASTING (CT NAD 83) <b>897,001.03</b>	
				9. SURFACE ELEVATION <b>7.39 feet</b>			
				10. DATE STARTED <b>12/7/98</b>		11. DATE COMPLETED <b>12/7/98</b>	
12. OVERBURDEN THICKNESS <b>N/A</b>			15. DEPTH GROUNDWATER ENCOUNTERED <b>N/A</b>				
13. DEPTH DRILLED INTO ROCK <b>N/A</b>			16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>				
14. TOTAL DEPTH OF HOLE <b>2.58 feet</b>			17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>				
18. GEOTECHNICAL SAMPLES		DISTURBED <b>1</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>	
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		METALS	
		1		1		1	
		BACKFILLED		MONITORING WELL		OTHER (SPECIFY) <b>CN, PCB, Remediation</b>	
22. DISPOSITION OF HOLE		X				23. NAME OF INSPECTOR <b>Edmund Berry</b>	
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
0.58		Concrete (6")					
1		SM - Brown m-f SAND, some silt, trace gravel, c. sand	PID - n/a		SB09B2-1A		12" Recovery 10:10  Remediation sample collected at this interval
2							
2.58							End of boring
3							The lower interval was already collected in Run 1
4							
5							
Modified MRK Form 55 URSGWC Federal Services Log prepared			PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104			HOLE No. <b>SB09B2-1 R2</b>	

BORING LOG							HOLE No. <b>SB09B3-1</b>	
1. COMPANY NAME <b>URSGWC Federal Services</b>			2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET 1 OF 2 SHEETS		
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>				4. LOCATION <b>Stratford, Connecticut</b>				
5. NAME OF DRILLER <b>Steve Butrej</b>				6. MANUFACTURER'S DESIGNATION OF DRILL <b>Black &amp; Decker Core Drill</b>				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		3-inch split spoon		8a. NORTHING (CT NAD 83) <b>623,586.41</b>		8b. EASTING (CT NAD 83) <b>896,949.77</b>		
		Jackhammer						
				9. SURFACE ELEVATION <b>7.90 feet</b>				
				10. DATE STARTED <b>12/29/98</b>		11. DATE COMPLETED <b>12/29/98</b>		
12. OVERBURDEN THICKNESS <b>N/A</b>				15. DEPTH GROUNDWATER ENCOUNTERED <b>6 feet</b>				
13. DEPTH DRILLED INTO ROCK <b>N/A</b>				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>				
14. TOTAL DEPTH OF HOLE <b>6.75 feet</b>				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>				
18. GEOTECHNICAL SAMPLES		DISTURBED <b>1</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		METALS		21. TOTAL CORE RECOVERY
		<b>2</b>		<b>2</b>		<b>2</b>		<b>21. TOTAL CORE RECOVERY</b> <b>N/A</b>
22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL		23. NAME OF INSPECTOR		
		<b>X</b>				<b>Ricardo Colón</b>		
DEPTH (FEET) <b>a</b>	SMPL. INT. <b>b</b>	DESCRIPTION OF MATERIALS <b>c</b>		FIELD SCREENING RESULTS <b>d</b>	GEOTECH SAMPLE OR CORE BOX No. <b>e</b>	ANALYTICAL SAMPLE No. <b>f</b>	BLOW COUNTS <b>g</b>	REMARKS <b>h</b>
0.75		Concrete (9")						
1		SM - Brown c-f SAND, some silt, f. gravel; micaceous		PID - 0 ppm		SB09B3-1A		11" Recovery 9:10  Duplicates collected for USACE for independent analyses  Remediation sample collected at this interval
2								
2.75		SP/SC - Same as above		PID - 0 ppm		SB09B3-1B		15" Recovery  Not sampled
3								
4								
4.75		SP - Brown grading to dark gray SAND, trace gravel, with petroleum odor		PID - 61.1 ppm				16" Recovery 9:20
5								
Modified MRK Form 55 URSGWC Federal Services Log prepared				PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104			HOLE No. <b>SB09B3-1</b>	

HTW DRILLING LOG						HOLE No. <b>SB09B3-1</b>	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Ricardo Colón			SHEET 2 OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6							
6.75							End of boring
7							
8							
9							
10							
11							
12							
13							

BORING LOG							HOLE No. <b>SB09B4-1</b>	
1. COMPANY NAME <b>URSGWC Federal Services</b>			2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET 1 OF 1 SHEETS		
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>				4. LOCATION <b>Stratford, Connecticut</b>				
5. NAME OF DRILLER <b>Steve Butrej</b>				6. MANUFACTURER'S DESIGNATION OF DRILL <b>Diedrich D-50 Truck-mounted drill rig</b>				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) <b>623,611.76</b>		8b. EASTING (CT NAD 83) <b>897,024.10</b>		
		3-inch split spoon						
				9. SURFACE ELEVATION <b>7.48 feet</b>				
				10. DATE STARTED <b>12/7/98</b>			11. DATE COMPLETED <b>12/7/98</b>	
12. OVERBURDEN THICKNESS <b>N/A</b>				15. DEPTH GROUNDWATER ENCOUNTERED <b>4.43 feet</b>				
13. DEPTH DRILLED INTO ROCK <b>N/A</b>				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>				
14. TOTAL DEPTH OF HOLE <b>4.5 feet</b>				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>				
18. GEOTECHNICAL SAMPLES		DISTURBED <b>1</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC <b>2</b>		SEMI-VOCs <b>2</b>		METALS <b>2</b>		OTHER (SPECIFY) <b>CN, PCB, Remediation</b>
								21. TOTAL CORE RECOVERY <b>N/A</b>
22. DISPOSITION OF HOLE		BACKFILLED <b>X</b>		MONITORING WELL		23. NAME OF INSPECTOR <b>Ricardo Colón</b>		
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c		FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
0.5		Concrete (4")						
1		SM - Gray, c-f SAND, some gravel, silt		PID - 27.7 ppm		SB09B4-1A	22	16" Recovery 14:45
							33	Remediation sample collected at this interval
							15	3" spoon used
2							16	
2.5		ML/SM - Gray, sandy SILT		PID - 56.1 ppm		SB09B4-1C	5	24" Recovery 14:50
3							4	
							4	
4							4	
4.5							4	End of boring
5								
Modified MRK Form 55 URSGWC Federal Services Log prepared		7/24/02		PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104			HOLE No. <b>SB09B4-1</b>	

BORING LOG							HOLE No. <b>SB09B6-1</b>	
1. COMPANY NAME <b>URSGWC Federal Services</b>			2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET 1 OF 1 SHEETS		
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>				4. LOCATION <b>Stratford, Connecticut</b>				
5. NAME OF DRILLER <b>John DeAngelis</b>				6. MANUFACTURER'S DESIGNATION OF DRILL <b>CME-45 Truck-mounted drill rig</b>				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) <b>623,680.48</b>		8b. EASTING (CT NAD 83) <b>896,911.60</b>		
		3-inch split spoon		9. SURFACE ELEVATION <b>6.94 feet</b>		10. DATE STARTED <b>12/7/98</b>		
				11. DATE COMPLETED <b>12/7/98</b>				
12. OVERBURDEN THICKNESS <b>N/A</b>				15. DEPTH GROUNDWATER ENCOUNTERED <b>4.67 feet</b>				
13. DEPTH DRILLED INTO ROCK <b>N/A</b>				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>				
14. TOTAL DEPTH OF HOLE <b>4.83 feet</b>				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>				
18. GEOTECHNICAL SAMPLES		DISTURBED <b>0</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC <b>2</b>		SEMI-VOCs <b>2</b>		METALS <b>2</b>		OTHER (SPECIFY) <b>CN, PCB</b>
								21. TOTAL CORE RECOVERY <b>N/A</b>
22. DISPOSITION OF HOLE		BACKFILLED <b>X</b>		MONITORING WELL		23. NAME OF INSPECTOR <b>Anthony Fernandez</b>		
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h	
0.83		Concrete (10")						
1		SM - Brown c-f SAND, some gravel, silt; micaceous	PID - 0 ppm		SB09B6-1A	9	15" Recovery 13:00	
2		SP - Same as above	PID - 0 ppm		SB09B6-1B	6	11" Recovery 13:15	
2.83						4		
3						3	End of boring	
4						2		
4.83						3		
5						2		

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**PROJECT**  
**Stratford Army Engine Plant Remedial Investigation**  
 Project No. R98104

HOLE No. **SB09B6-1**



BORING LOG										HOLE No. <b>SB09B7-1</b>		
1. COMPANY NAME URSGWC Federal Services					2. DRILLING SUBCONTRACTOR Connecticut Test Borings					SHEET 1 OF 2 SHEETS		
3. PROJECT Stratford Army Engine Plant Remedial Investigation					4. LOCATION Stratford, Connecticut							
5. NAME OF DRILLER John Oullette					6. MANUFACTURER'S DESIGNATION OF DRILL CME-45 Truck-mounted drill rig							
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT			2-inch split spoon			8a. NORTHING (CT NAD 83) 623,734.43			8b. EASTING (CT NAD 83) 896,787.74			
			3-inch split spoon									
						9. SURFACE ELEVATION 7.09 feet						
						10. DATE STARTED 12/8/98			11. DATE COMPLETED 12/8/98			
12. OVERBURDEN THICKNESS N/A					15. DEPTH GROUNDWATER ENCOUNTERED 5.17 feet							
13. DEPTH DRILLED INTO ROCK N/A					16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A							
14. TOTAL DEPTH OF HOLE 6.5 feet					17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A							
18. GEOTECHNICAL SAMPLES			DISTURBED 0		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0					
20. SAMPLES FOR CHEMICAL ANALYSIS			VOC		SEMI-VOCs		METALS		OTHER (SPECIFY)		21. TOTAL CORE RECOVERY  N/A	
			2		2		2		CN, PCB			
22. DISPOSITION OF HOLE			BACKFILLED		MONITORING WELL		OTHER (SPECIFY)		23. NAME OF INSPECTOR Anthony Fernandez			
			X									
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c			FIELD SCREENING RESULTS d		GEOTECH SAMPLE OR CORE BOX No. e		ANALYTICAL SAMPLE No. f		BLOW COUNTS g	REMARKS h
0.5		Asphalt (4")										
1		SP - Brown to dk. Brown f. SAND, trace gravel			PID - N/A				SB09B7-1A		21	17" Recovery 12:45  Duplicate samples collected at this interval (SB51B7-1A)
2		SP - Same as above			PID - N/A				SB09B7-1B		13	14" Recovery  Sampled for selected metals
2.5											10	
3											6	
3.5											2	
4											2	
4.5		SP - Same as above, trace shell material			PID - N/A				SB09B7-1C		1	19" Recovery 12:50  No recovery with 2-inch spoon.
5											3	
											4	

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PROJECT  
**Stratford Army Engine Plant Remedial Investigation**  
 Project No. R98104

HOLE No. **SB09B7-1**

HTW DRILLING LOG						HOLE No. SB09B7-1	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Anthony Fernandez			SHEET 2 OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
						3	3-inch spoon was inserted in same hole to collect sample
						3	
6						4	
6.5							End of boring
7							
8							
9							
10							
11							
12							
13							

BORING LOG							HOLE No. <b>SB09B8-1</b>	
1. COMPANY NAME <b>URSGWC Federal Services</b>				2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET 1 OF 1 SHEETS	
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>				4. LOCATION <b>Stratford, Connecticut</b>				
5. NAME OF DRILLER <b>John DeAngelis</b>				6. MANUFACTURER'S DESIGNATION OF DRILL <b>CME-45 Truck-mounted drill rig</b>				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) <b>623,755.88</b>		8b. EASTING (CT NAD 83) <b>896,908.92</b>		
				9. SURFACE ELEVATION <b>6.28 feet</b>				
				10. DATE STARTED <b>12/7/98</b>		11. DATE COMPLETED <b>12/7/98</b>		
12. OVERBURDEN THICKNESS <b>N/A</b>				15. DEPTH GROUNDWATER ENCOUNTERED <b>4.08 feet</b>				
13. DEPTH DRILLED INTO ROCK <b>N/A</b>				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>				
14. TOTAL DEPTH OF HOLE <b>4.25 feet</b>				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>				
18. GEOTECHNICAL SAMPLES		DISTURBED <b>0</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		METALS		21. TOTAL CORE RECOVERY
		<b>2</b>		<b>2</b>		<b>2</b>		<b>N/A</b>
22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL		23. NAME OF INSPECTOR		
		<b>X</b>				<b>Anthony Fernandez</b>		
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c		FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
0.25		Asphalt (3")						
		SP/SW/GP - Dk. gray to lt. brown, m-f SAND, some gravel, with slight petroleum odor		PID - 3.1 ppm		SB09B8-1A	8	14" Recovery 13:30
							6	
							5	
							4	
2.25		SP - Lt. Brown to lt. Gray f. SAND, trace gravel, with slight petroleum odor		PID - 9.6 ppm		SB09B8-1B	2	14" Recovery 13:35
							5	
							5	
							3	
4.25								End of boring
5								

Modified MRK Form 55 URSGWC Federal Services Log prepared	7/24/02	PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104	HOLE No. <b>SB09B8-1</b>
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HTW DRILLING LOG						HOLE No. SB09B8-1	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Anthony Fernandez			SHEET 2 OF 1 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6							
7							
8							
9							
10							
11							
12							
13							

BORING LOG						HOLE No. <b>SB09B9-1</b>	
1. COMPANY NAME URSGWC Federal Services			2. DRILLING SUBCONTRACTOR Connecticut Test Borings			SHEET 1 OF 2 SHEETS	
3. PROJECT Stratford Army Engine Plant Remedial Investigation			4. LOCATION Stratford, Connecticut				
5. NAME OF DRILLER Steve Butrej			6. MANUFACTURER'S DESIGNATION OF DRILL Black & Decker Core Drill				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) 623,597.14		8b. EASTING (CT NAD 83) 896,981.28	
				9. SURFACE ELEVATION 7.27 feet			
				10. DATE STARTED 12/29/98		11. DATE COMPLETED 12/29/98	
12. OVERBURDEN THICKNESS N/A			15. DEPTH GROUNDWATER ENCOUNTERED 5.25 feet				
13. DEPTH DRILLED INTO ROCK N/A			16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A				
14. TOTAL DEPTH OF HOLE 5.5 feet			17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A				
18. GEOTECHNICAL SAMPLES		DISTURBED 0		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0	
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		21. TOTAL CORE RECOVERY	
		2		2		N/A	
22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL		23. NAME OF INSPECTOR Ricardo Colón	
		X					
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
<div style="display: flex; flex-direction: column; align-items: center;"> <div style="margin-bottom: 10px;">1</div> <div style="margin-bottom: 10px;">1.5</div> <div style="margin-bottom: 10px;">2</div> <div style="margin-bottom: 10px;">3</div> <div style="margin-bottom: 10px;">3.5</div> <div style="margin-bottom: 10px;">4</div> <div>5</div> </div>		Concrete (1")					
		Void					
		SP/GP/SC - Dk. Brown f. SAND, some gravel, trace clay	PID - 0 ppm		SB09B9-1A		10:20 8" Recovery (reinserted spoon at an angle for an additional 8" recovery)
		SP - Brown f. SAND, with oily stains in saturated zone	PID - 12.4 ppm		SB09B9-1B		18" Recovery 10:40

HTW DRILLING LOG						HOLE No. SB09B9-1	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Ricardo Colón			SHEET 2 OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
5.5							End of boring
6							
7							
8							
9							
10							
11							
12							
13							

BORING LOG							HOLE No. <b>SB09C1-1</b>	
1. COMPANY NAME <b>URSGWC Federal Services</b>			2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET 1 OF 1 SHEETS		
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>				4. LOCATION <b>Stratford, Connecticut</b>				
5. NAME OF DRILLER <b>John DeAngelis</b>				6. MANUFACTURER'S DESIGNATION OF DRILL <b>CME-45 Truck-mounted drill rig</b>				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) <b>623,760.06</b>		8b. EASTING (CT NAD 83) <b>896,971.00</b>		
				9. SURFACE ELEVATION <b>6.10 feet</b>				
				10. DATE STARTED <b>12/7/98</b>		11. DATE COMPLETED <b>12/7/98</b>		
12. OVERBURDEN THICKNESS <b>N/A</b>				15. DEPTH GROUNDWATER ENCOUNTERED <b>4.17 feet</b>				
13. DEPTH DRILLED INTO ROCK <b>N/A</b>				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>				
14. TOTAL DEPTH OF HOLE <b>5 feet</b>				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>				
18. GEOTECHNICAL SAMPLES		DISTURBED <b>0</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC <b>2</b>		SEMI-VOCs <b>2</b>		METALS <b>2</b>		OTHER (SPECIFY) <b>CN, PCB</b>
								21. TOTAL CORE RECOVERY <b>N/A</b>
22. DISPOSITION OF HOLE		BACKFILLED <b>X</b>		MONITORING WELL		23. NAME OF INSPECTOR <b>Anthony Fernandez</b>		
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h	
		Concrete (9")					Driller went 3" past concrete slab	
1		SP - Dark gray to black f. SAND, some gravel, with strong petroleum odor	PID - 218 ppm		SB09C1-1A	8	24" Recovery 11:50	
2								
3		SP - Same as above			SB09C1-1B	5	24" Recovery 11:55	
4								
5						5	End of boring	

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 URSGWC Federal Services  
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PROJECT  
**Stratford Army Engine Plant Remedial Investigation**  
 Project No. R98104

HOLE No. **SB09C1-1**

BORING LOG							HOLE No. <b>SB09C2-1</b>	
1. COMPANY NAME <b>URSGWC Federal Services</b>			2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET 1 OF 1 SHEETS		
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>				4. LOCATION <b>Stratford, Connecticut</b>				
5. NAME OF DRILLER <b>Steve Butrej</b>				6. MANUFACTURER'S DESIGNATION OF DRILL <b>Diedrich D-50 Truck-mounted drill rig</b>				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) <b>623,721.53</b>		8b. EASTING (CT NAD 83) <b>897,004.65</b>		
		3-inch split spoon						
				9. SURFACE ELEVATION <b>5.93 feet</b>				
				10. DATE STARTED <b>12/7/98</b>		11. DATE COMPLETED <b>12/7/98</b>		
12. OVERBURDEN THICKNESS <b>N/A</b>				15. DEPTH GROUNDWATER ENCOUNTERED <b>4.25 feet</b>				
13. DEPTH DRILLED INTO ROCK <b>N/A</b>				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>				
14. TOTAL DEPTH OF HOLE <b>4.83 feet</b>				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>				
18. GEOTECHNICAL SAMPLES		DISTURBED <b>1</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		METALS		21. TOTAL CORE RECOVERY
		<b>2</b>		<b>2</b>		<b>2</b>		<b>CN, PCB, Remediation</b>
22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL		23. NAME OF INSPECTOR <b>Ricardo Colón</b>		
		<b>X</b>						
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h	
0.83		Concrete (10")						
1		SM - Dark gray, c-f SAND, some gravel, silt	PID - 32 ppm		SB09C2-1A	13	15" Recovery 14:10	
						15	Remediation sample collected at this interval	
2						9		
						9		
2.83		SC/SM - Same as above	PID - 124 ppm		SB09C2-1B	10	17" Recovery 14:15	
3						6		
						4		
4						4		
4.83							End of boring	
5								

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 URSGWC Federal Services  
 Log prepared

PROJECT  
**Stratford Army Engine Plant Remedial Investigation**  
 Project No. R98104

HOLE No.  
**SB09C2-1**

7/24/02



BORING LOG						HOLE No. <b>SB10A1-1 R1</b>	
1. COMPANY NAME <b>URSGWC Federal Services</b>			2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET <b>1</b> OF <b>1 SHEETS</b>	
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>			4. LOCATION <b>Stratford, Connecticut</b>				
5. NAME OF DRILLER <b>Steve Butrej</b>			6. MANUFACTURER'S DESIGNATION OF DRILL <b>Diedrich D-50 Truck-mounted drill rig</b>				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) <b>622,707.81</b>		8b. EASTING (CT NAD 83) <b>896,532.86</b>	
				9. SURFACE ELEVATION <b>6.39 feet</b>			
				10. DATE STARTED <b>11/18/98</b>		11. DATE COMPLETED <b>11/18/98</b>	
12. OVERBURDEN THICKNESS <b>N/A</b>			15. DEPTH GROUNDWATER ENCOUNTERED <b>3.5 feet</b>				
13. DEPTH DRILLED INTO ROCK <b>N/A</b>			16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>				
14. TOTAL DEPTH OF HOLE <b>4.5 feet</b>			17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>				
18. GEOTECHNICAL SAMPLES		DISTURBED <b>0</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>	
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC <b>2</b>		SEMI-VOCs <b>0</b>		21. TOTAL CORE RECOVERY <b>N/A</b>	
				METALS <b>0</b>		OTHER (SPECIFY) <b></b>	
22. DISPOSITION OF HOLE		BACKFILLED <b>X</b>		MONITORING WELL <b></b>		23. NAME OF INSPECTOR <b>Ricardo Colón</b>	
				OTHER (SPECIFY) <b></b>			
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
0.5		Asphalt (3")					
1		SP/SM - Brown, silty f. SAND, trace f. gravel	PID - 0 ppm		SB10A1-1A	7	16" Recovery 9:36  These samples were analyzed only for VOCs See Run 2 for other analyses
						6	
2						5	
						4	
2.5		SP/SM - Same as above	PID - 0 ppm		SB10A1-1B	3	17" Recovery 9:45  End of boring
3						4	
						6	
4						11	
4.5							
5							

BORING LOG							HOLE No. <b>SB10A1-1 R2</b>	
1. COMPANY NAME URSGWC Federal Services				2. DRILLING SUBCONTRACTOR Connecticut Test Borings			SHEET 1 OF 2 SHEETS	
3. PROJECT Stratford Army Engine Plant Remedial Investigation				4. LOCATION Stratford, Connecticut				
5. NAME OF DRILLER Steve Butrej				6. MANUFACTURER'S DESIGNATION OF DRILL Diedrich D-50 Truck-mounted drill rig				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) 622,707.81		8b. EASTING (CT NAD 83) 896,532.86		
		3-inch split spoon						
				9. SURFACE ELEVATION 6.39 feet				
				10. DATE STARTED 12/2/98		11. DATE COMPLETED 12/2/98		
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED 4.5 feet				
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A				
14. TOTAL DEPTH OF HOLE 5.5 feet				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A				
18. GEOTECHNICAL SAMPLES		DISTURBED 0		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		METALS		21. TOTAL CORE RECOVERY
		0		2		2		CN, PCB N/A
22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL		23. NAME OF INSPECTOR Ricardo Colón		
		X						
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h	
0.5		SP/SM - Lt. Brown f. SAND, trace silt	PID - 0 ppm		SB10A1-1A	15	13" Recovery 13:30  3" spoon used	
1								
2		SP/SM - Same as above	PID - 0 ppm		SB10A1-1B	7	21" Recovery 13:35	
2.5						7		
3						4		
4						5		
4.5						8		
5						12	End of boring	

BORING LOG							HOLE No. <b>SB10A1-2 R1</b>	
1. COMPANY NAME <b>URSGWC Federal Services</b>			2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET 1 OF 1 SHEETS		
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>				4. LOCATION <b>Stratford, Connecticut</b>				
5. NAME OF DRILLER <b>Steve Butrej</b>				6. MANUFACTURER'S DESIGNATION OF DRILL <b>Diedrich D-50 Truck-mounted drill rig</b>				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) <b>622,514.24</b>		8b. EASTING (CT NAD 83) <b>896,583.67</b>		
				9. SURFACE ELEVATION <b>6.13 feet</b>				
				10. DATE STARTED <b>11/18/98</b>		11. DATE COMPLETED <b>11/18/98</b>		
12. OVERBURDEN THICKNESS <b>N/A</b>				15. DEPTH GROUNDWATER ENCOUNTERED <b>4 feet</b>				
13. DEPTH DRILLED INTO ROCK <b>N/A</b>				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>				
14. TOTAL DEPTH OF HOLE <b>4.5 feet</b>				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>				
18. GEOTECHNICAL SAMPLES		DISTURBED <b>0</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC <b>2</b>		SEMI-VOCs <b>0</b>		METALS <b>0</b>		21. TOTAL CORE RECOVERY <b>N/A</b>
		OTHER (SPECIFY)						
22. DISPOSITION OF HOLE		BACKFILLED <b>X</b>		MONITORING WELL		OTHER (SPECIFY)		23. NAME OF INSPECTOR <b>Ricardo Colón</b>
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c		FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
0.5		Asphalt (3")						
1		SP/SW/SM - Brown silty f. SAND, some f. gravel to m. sand		PID - 0 ppm		SB10A1-2A	7	16" Recovery 10:15  These samples were analyzed only for VOCs See Run 2 for other analyses
	7							
2	7							
	5							
2.5		SP/SW/SM - Brown silty f. SAND, trace f. gravel to m. sand		PID - 0 ppm		SB10A1-2B	5	8" Recovery 10:30
3	4							
4	10							
	10							
4.5								End of boring
5								

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Log prepared

7/24/02

PROJECT  
**Stratford Army Engine Plant Remedial Investigation**  
Project No. R98104

HOLE No.  
**SB10A1-2 R1**

BORING LOG							HOLE No. <b>SB10A1-2 R2</b>	
1. COMPANY NAME URSGWC Federal Services				2. DRILLING SUBCONTRACTOR Connecticut Test Borings			SHEET 1 OF 1 SHEETS	
3. PROJECT Stratford Army Engine Plant Remedial Investigation				4. LOCATION Stratford, Connecticut				
5. NAME OF DRILLER Steve Butrej				6. MANUFACTURER'S DESIGNATION OF DRILL Diedrich D-50 Truck-mounted drill rig				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) 622,514.24		8b. EASTING (CT NAD 83) 896,583.67		
		3-inch split spoon						
				9. SURFACE ELEVATION 6.13 feet				
				10. DATE STARTED 12/2/98			11. DATE COMPLETED 12/2/98	
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED 4.5 feet				
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A				
14. TOTAL DEPTH OF HOLE 4.5 feet				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A				
18. GEOTECHNICAL SAMPLES		DISTURBED 0		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		METALS		21. TOTAL CORE RECOVERY
		0		2		2		CN, PCB N/A
22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL		23. NAME OF INSPECTOR Ricardo Colón		
		X						
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c		FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
0.5		Asphalt (3")						
1		SP/SC - Brown, clayey f. SAND f. gravel to m. sand		PID - 0 ppm		SB10A1-2A	4	18" Recovery 14:25
							8	
							6	
							6	
2		SP/SM - Same as above f. gravel to m. sand		PID - 0 ppm		SB10A1-2B	12	14" Recovery 14:30
							9	
							9	
							10	
4.5								End of boring
5								

BORING LOG							HOLE No. <b>SB10A1-3 R1</b>	
1. COMPANY NAME URSGWC Federal Services			2. DRILLING SUBCONTRACTOR Connecticut Test Borings			SHEET 1 OF 1 SHEETS		
3. PROJECT Stratford Army Engine Plant Remedial Investigation				4. LOCATION Stratford, Connecticut				
5. NAME OF DRILLER Steve Butrej				6. MANUFACTURER'S DESIGNATION OF DRILL Diedrich D-50 Truck-mounted drill rig				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) 622,497.71		8b. EASTING (CT NAD 83) 896,361.07		
				9. SURFACE ELEVATION 5.93 feet				
				10. DATE STARTED 11/18/98		11. DATE COMPLETED 11/18/98		
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED 3.5 feet				
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A				
14. TOTAL DEPTH OF HOLE 4.5 feet				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A				
18. GEOTECHNICAL SAMPLES		DISTURBED 0		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		METALS		21. TOTAL CORE RECOVERY
		2		0		0		N/A
22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL		23. NAME OF INSPECTOR Ricardo Colón		
		X						
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c		FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
0.5		Asphalt (3")						
1		SP/SM - Brown, silty f. SAND, trace f. gravel		PID - 0 ppm		SB10A1-3A	7	12" Recovery 10:50
2							8	These samples were analyzed only for VOCs See Run 2 for other analyses
2.5							4	
3							7	
3.5		SP/SM - Same as above		PID - 0 ppm		SB10A1-3B	10	12" Recovery 11:05
4							13	End of boring
4.5							15	
5							15	

BORING LOG							HOLE No. <b>SB10A1-3 R2</b>	
1. COMPANY NAME <b>URSGWC Federal Services</b>			2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET <b>1</b> OF <b>1 SHEETS</b>		
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>				4. LOCATION <b>Stratford, Connecticut</b>				
5. NAME OF DRILLER <b>Steve Butrej</b>				6. MANUFACTURER'S DESIGNATION OF DRILL <b>Diedrich D-50 Truck-mounted drill rig</b>				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) <b>622,497.71</b>		8b. EASTING (CT NAD 83) <b>896,361.07</b>		
				9. SURFACE ELEVATION <b>5.93 feet</b>				
				10. DATE STARTED <b>12/2/98</b>		11. DATE COMPLETED <b>12/2/98</b>		
12. OVERBURDEN THICKNESS <b>N/A</b>				15. DEPTH GROUNDWATER ENCOUNTERED <b>3.5 feet</b>				
13. DEPTH DRILLED INTO ROCK <b>N/A</b>				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>				
14. TOTAL DEPTH OF HOLE <b>4.5 feet</b>				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>				
18. GEOTECHNICAL SAMPLES		DISTURBED <b>0</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		METALS		21. TOTAL CORE RECOVERY
		0		2		2		<b>CN, PCB</b> <b>N/A</b>
22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL		23. NAME OF INSPECTOR <b>Ricardo Colón</b>		
		X						
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c		FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
0.5		Asphalt (3")						
1		SP/SM/SC - Brown, f. SAND, some clay		PID - 0 ppm		SB10A1-3A	15	11" Recovery 14:00  Duplicate sample collected at this interval (SB50A1-3)
							18	
							19	
2							19	
2.5		SP - Brown f. SAND, trace m. sand		PID - 0 ppm		SB10A1-3B	11	13" Recovery 14:05
3							18	
							19	
4							18	
4.5								End of boring
5								

BORING LOG						HOLE No. <b>SB12-3</b>	
1. COMPANY NAME URSGWC Federal Services			2. DRILLING SUBCONTRACTOR Connecticut Test Borings			SHEET 1 OF 1 SHEETS	
3. PROJECT Stratford Army Engine Plant Remedial Investigation			4. LOCATION Stratford, Connecticut				
5. NAME OF DRILLER Heinz Brodesser			6. MANUFACTURER'S DESIGNATION OF DRILL CME-45 Truck-mounted drill rig				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) 622,931.01		8b. EASTING (CT NAD 83) 897,911.49	
				9. SURFACE ELEVATION 7.57 feet			
				10. DATE STARTED 12/21/98		11. DATE COMPLETED 12/21/98	
12. OVERBURDEN THICKNESS N/A			15. DEPTH GROUNDWATER ENCOUNTERED 4.5 feet				
13. DEPTH DRILLED INTO ROCK N/A			16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A				
14. TOTAL DEPTH OF HOLE 5 feet			17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A				
18. GEOTECHNICAL SAMPLES		DISTURBED 1		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0	
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		METALS	
						OTHER (SPECIFY) CN, PCB, Remediation	
21. TOTAL CORE RECOVERY N/A		2		2		2	
22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL		OTHER (SPECIFY)	
		X				23. NAME OF INSPECTOR Edmund Berry	
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
0.33		Asphalt (4")					
		Base (6")					
1							
		SM - Brown, c-f SAND, some gravel, silt	PID - 0 ppm		SB12-3A	13	16" Recovery 14:25
						11	Duplicate sample collected at this interval (SB69-3A)
2						8	Remediation sample collected at this interval
						6	
3							
		ML/SM - Brown SILT, some m-f sand, humus	PID - 0 ppm		SB12-3B	2	20" Recovery 14:30
						2	
4						2	
						2	
5						2	End of boring
Modified MRK Form 55 URSGWC Federal Services Log prepared			PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104			HOLE No. <b>SB12-3</b>	

<b>BORING LOG</b>										HOLE No. <b>SB12A1-1 R1</b>	
1. COMPANY NAME <b>URSGWC Federal Services</b>					2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>					SHEET <b>1</b> OF <b>2 SHEETS</b>	
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>					4. LOCATION <b>Stratford, Connecticut</b>						
5. NAME OF DRILLER <b>John Oullette</b>					6. MANUFACTURER'S DESIGNATION OF DRILL <b>CME-45 Truck-mounted drill rig</b>						
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT			2-inch split spoon		8a. NORTHING (CT NAD 83) <b>623,517.31</b>			8b. EASTING (CT NAD 83) <b>896,840.73</b>			
					9. SURFACE ELEVATION <b>7.37 feet</b>						
					10. DATE STARTED <b>12/8/98</b>			11. DATE COMPLETED <b>12/8/98</b>			
12. OVERBURDEN THICKNESS <b>N/A</b>					15. DEPTH GROUNDWATER ENCOUNTERED <b>5.5 feet</b>						
13. DEPTH DRILLED INTO ROCK <b>N/A</b>					16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>						
14. TOTAL DEPTH OF HOLE <b>6.5 feet</b>					17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>						
18. GEOTECHNICAL SAMPLES			DISTURBED <b>0</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>				
20. SAMPLES FOR CHEMICAL ANALYSIS			VOC <b>1</b>		SEMI-VOCs <b>1</b>		METALS <b>1</b>		OTHER (SPECIFY) <b>CN</b>		21. TOTAL CORE RECOVERY <b>N/A</b>
22. DISPOSITION OF HOLE			BACKFILLED <b>X</b>		MONITORING WELL		OTHER (SPECIFY)		23. NAME OF INSPECTOR <b>Anthony Fernandez</b>		
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h				
0.5		Asphalt					No recovery 11:10  No samples collected				
1			PID - n/a			5					
2						2					
2.5		SP - Lt. Brown f. SAND, trace gravel	PID - n/a			1					
3						3					
4						6					
4.5						5					
5		SP - Same as above	PID - n/a		SB12A1-1C	7					
5						7	24" Recovery 11:20				
						6					

Modified MRK Form 55  
 URSGWC Federal Services  
 Log prepared

PROJECT  
**Stratford Army Engine Plant Remedial Investigation**  
 Project No. R98104

HOLE No.  
**SB12A1-1 R1**

7/24/02



HTW DRILLING LOG						HOLE No. SB12A1-1 R1	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Anthony Fernandez			SHEET 2 OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6						4	
6.5						6	
7						8	End of boring
8							
9							
10							
11							
12							
13							

BORING LOG						HOLE No. <b>SB12A1-1 R2</b>	
1. COMPANY NAME <b>URSGWC Federal Services</b>			2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET 1 OF 1 SHEETS	
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>				4. LOCATION <b>Stratford, Connecticut</b>			
5. NAME OF DRILLER <b>John Ouellette</b>				6. MANUFACTURER'S DESIGNATION OF DRILL <b>CME-45 Truck-mounted drill rig</b>			
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) <b>623,517.31</b>		8b. EASTING (CT NAD 83) <b>896,840.73</b>	
				9. SURFACE ELEVATION <b>7.37 feet</b>			
				10. DATE STARTED <b>12/4/98</b>		11. DATE COMPLETED <b>12/4/98</b>	
12. OVERBURDEN THICKNESS <b>N/A</b>				15. DEPTH GROUNDWATER ENCOUNTERED <b>N/A</b>			
13. DEPTH DRILLED INTO ROCK <b>N/A</b>				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>			
14. TOTAL DEPTH OF HOLE <b>2.33 feet</b>				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>			
18. GEOTECHNICAL SAMPLES		DISTURBED <b>0</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>	
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC <b>0</b>		SEMI-VOCs <b>0</b>		21. TOTAL CORE RECOVERY <b>N/A</b>	
		METALS <b>0</b>		OTHER (SPECIFY) <b></b>			
22. DISPOSITION OF HOLE		BACKFILLED <b>X</b>		MONITORING WELL <b></b>		23. NAME OF INSPECTOR <b>Anthony Fernandez</b>	
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
0.33		Asphalt (4")					
			PID - n/a			16	No recovery 15:40
1						11	No samples collected
						8	PID malfunctioning
2						7	
2.33							End of boring
3							The bottom interval was already sampled in Run 1
4							
5							

<b>BORING LOG</b>							HOLE No. <b>SB12A1-1 R3</b>		
1. COMPANY NAME <b>URSGWC Federal Services</b>			2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET <b>1</b> OF <b>1 SHEETS</b>			
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>				4. LOCATION <b>Stratford, Connecticut</b>					
5. NAME OF DRILLER <b>John Oullette</b>				6. MANUFACTURER'S DESIGNATION OF DRILL <b>CME-45 Truck-mounted drill rig</b>					
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		3-inch split spoon		8a. NORTHING (CT NAD 83) <b>623,517.31</b>		8b. EASTING (CT NAD 83) <b>896,840.73</b>			
				9. SURFACE ELEVATION <b>7.37 feet</b>					
				10. DATE STARTED <b>12/9/98</b>			11. DATE COMPLETED <b>12/9/98</b>		
12. OVERBURDEN THICKNESS <b>N/A</b>				15. DEPTH GROUNDWATER ENCOUNTERED <b>N/A</b>					
13. DEPTH DRILLED INTO ROCK <b>N/A</b>				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>					
14. TOTAL DEPTH OF HOLE <b>3 feet</b>				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>					
18. GEOTECHNICAL SAMPLES		DISTURBED <b>0</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>			
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC <b>1</b>		SEMI-VOCs <b>1</b>		METALS <b>1</b>		OTHER (SPECIFY) <b>CN, PCB</b>	
								21. TOTAL CORE RECOVERY <b>N/A</b>	
22. DISPOSITION OF HOLE		BACKFILLED <b>X</b>		MONITORING WELL		OTHER (SPECIFY)		23. NAME OF INSPECTOR <b>Anthony Fernandez</b>	
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h		
1		Asphalt, aggregate (1 ft)							
2		SP/SM - Alternating layers of brown, silty SAND, with gravel (8"); brownish orange, silty m-f SAND (3"); blackish, organic, silty sand (7"); brown f. SAND, trace pebbles (2")	PID - n/a		SB12A1-1A	6	20" Recovery 15:45		
						4			
						5			
3						10	End of boring		
4							The bottom interval was already sampled in Run 1		
5									

BORING LOG						HOLE No. <b>SB12B1-1</b>	
1. COMPANY NAME <b>URSGWC Federal Services</b>			2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET <b>1</b> OF <b>2 SHEETS</b>	
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>				4. LOCATION <b>Stratford, Connecticut</b>			
5. NAME OF DRILLER <b>John Oulette</b>				6. MANUFACTURER'S DESIGNATION OF DRILL <b>Jackhammer</b>			
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) <b>623,076.73</b>		8b. EASTING (CT NAD 83) <b>897,240.42</b>	
		3-inch split spoon		9. SURFACE ELEVATION <b>8.00 feet</b>			
		Jackhammer					
				10. DATE STARTED <b>1/8/99</b>		11. DATE COMPLETED <b>1/8/99</b>	
12. OVERBURDEN THICKNESS <b>N/A</b>				15. DEPTH GROUNDWATER ENCOUNTERED <b>5.5 feet</b>			
13. DEPTH DRILLED INTO ROCK <b>N/A</b>				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>			
14. TOTAL DEPTH OF HOLE <b>6.42 feet</b>				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>			
18. GEOTECHNICAL SAMPLES		DISTURBED <b>0</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>	
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC <b>2</b>		SEMI-VOCs <b>2</b>		21. TOTAL CORE RECOVERY <b>N/A</b>	
				METALS <b>2</b>		OTHER (SPECIFY) <b>CN, PCB</b>	
22. DISPOSITION OF HOLE		BACKFILLED <b>X</b>		MONITORING WELL		23. NAME OF INSPECTOR <b>Edmund Berry</b>	
				OTHER (SPECIFY)			
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
0.42		Asphalt (5")					
1		SP/SM - Brown, silty m-f SAND, trace gravel	PID - 0 ppm		SB12B1-1A		22' Recovery 9:40 MS, MSD collected at this interval Duplicate sample collected at this interval
2							
2.42		SP - Brown f. SAND, trace mica-like material	PID - 0 ppm		SB12B1-1B		23" Recovery 9:45
3							
4							
4.42		SP - Brown f. SAND, trace gravel	PID - 0 ppm				23" Recovery Not sampled
5							

HTW DRILLING LOG						HOLE No. SB12B1-1	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Edmund Berry			SHEET OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6.42							End of boring
6							
7							
8							
9							
10							
11							
12							
13							

<b>BORING LOG</b>							HOLE No. <b>SB12B2-1 R1</b>		
1. COMPANY NAME <b>URSGWC Federal Services</b>			2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET <b>1</b> OF <b>1 SHEETS</b>			
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>				4. LOCATION <b>Stratford, Connecticut</b>					
5. NAME OF DRILLER <b>John Oullette</b>				6. MANUFACTURER'S DESIGNATION OF DRILL <b>Black &amp; Decker Core Drill</b>					
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) <b>623,092.96</b>		8b. EASTING (CT NAD 83) <b>897,059.93</b>			
				9. SURFACE ELEVATION <b>7.99 feet</b>					
				10. DATE STARTED <b>1/8/99</b>		11. DATE COMPLETED <b>1/8/99</b>			
12. OVERBURDEN THICKNESS <b>N/A</b>				15. DEPTH GROUNDWATER ENCOUNTERED <b>N/A</b>					
13. DEPTH DRILLED INTO ROCK <b>N/A</b>				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>					
14. TOTAL DEPTH OF HOLE <b>1.08 feet</b>				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>					
18. GEOTECHNICAL SAMPLES		DISTURBED <b>0</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>			
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC <b>0</b>		SEMI-VOCs <b>0</b>		METALS <b>0</b>		OTHER (SPECIFY) <b>0</b>	
		BACKFILLED <b>X</b>		MONITORING WELL		OTHER (SPECIFY)		21. TOTAL CORE RECOVERY <b>N/A</b>	
22. DISPOSITION OF HOLE						23. NAME OF INSPECTOR <b>Edmund Berry</b>			
DEPTH (FEET) <b>a</b>	SMPL. INT. <b>b</b>	DESCRIPTION OF MATERIALS <b>c</b>		FIELD SCREENING RESULTS <b>d</b>		GEOTECH SAMPLE OR CORE BOX No. <b>e</b>		ANALYTICAL SAMPLE No. <b>f</b>	
								BLOW COUNTS <b>g</b>	
								REMARKS <b>h</b>	
1 1.08		Concrete (13")							
2									
3									
4									
5									
Modified MRK Form 55 URSGWC Federal Services Log prepared		PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104				HOLE No. <b>SB12B2-1 R1</b>			

7/24/02

BORING LOG						HOLE No. <b>SB12B2-1 R2</b>	
1. COMPANY NAME <b>URSGWC Federal Services</b>			2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET 1 OF 2 SHEETS	
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>			4. LOCATION <b>Stratford, Connecticut</b>				
5. NAME OF DRILLER <b>John Oulette</b>			6. MANUFACTURER'S DESIGNATION OF DRILL <b>Black &amp; Decker Core Drill</b>				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) <b>623,092.96</b>		8b. EASTING (CT NAD 83) <b>897,059.93</b>	
		3-inch split spoon		9. SURFACE ELEVATION <b>7.99 feet</b>			
		Jackhammer					
				10. DATE STARTED <b>1/8/99</b>		11. DATE COMPLETED <b>1/8/99</b>	
12. OVERBURDEN THICKNESS <b>N/A</b>				15. DEPTH GROUNDWATER ENCOUNTERED <b>5 feet</b>			
13. DEPTH DRILLED INTO ROCK <b>N/A</b>				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>			
14. TOTAL DEPTH OF HOLE <b>6.33 feet</b>				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>			
18. GEOTECHNICAL SAMPLES		DISTURBED <b>1</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>	
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		21. TOTAL CORE RECOVERY	
						<b>N/A</b>	
		<b>2</b>		<b>2</b>			
22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL		23. NAME OF INSPECTOR <b>Edmund Berry</b>	
		<b>X</b>					

DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
0.33		Concrete (4")					
1		SM - Brown, clayey, silty, m-f SAND, trace c. sand; mica noted	PID - 0 ppm		SB12B2-1A		14.5" Recovery 11:25  Remediation sample collected at this interval
2							
2.33		SP - Brown m-f SAND	PID - 0 ppm		SB12B2-1B		18.5" Recovery 11:30
3							
4							
4.33		SP - Brown c-f SAND	PID - 0 ppm				23" Recovery Not sampled
5							

Modified MRK Form 55  
 URSGWC Federal Services  
 Log prepared

PROJECT  
**Stratford Army Engine Plant Remedial Investigation**  
 Project No. R98104

HOLE No.  
**SB12B2-1 R2**

7/24/02

HTW DRILLING LOG						HOLE No. SB12B2-1 R2	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Edmund Berry			SHEET OF 2 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6							
6.33							End of boring
7							
8							
9							
10							
11							
12							
13							



BORING LOG							HOLE No. <b>SB12B3-1 R1</b>	
1. COMPANY NAME <b>URSGWC Federal Services</b>				2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET <b>1</b> OF <b>2 SHEETS</b>	
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>				4. LOCATION <b>Stratford, Connecticut</b>				
5. NAME OF DRILLER <b>Steve Butrej</b>				6. MANUFACTURER'S DESIGNATION OF DRILL <b>Black &amp; Decker Core Drill</b>				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83)		8b. EASTING (CT NAD 83)		
		Jackhammer		623,356.50		896,875.20		
				9. SURFACE ELEVATION				
				7.90 feet				
				10. DATE STARTED		11. DATE COMPLETED		
				1/6/99		1/6/99		
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED 5 feet				
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A				
14. TOTAL DEPTH OF HOLE 6.5 feet				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A				
18. GEOTECHNICAL SAMPLES		DISTURBED 0		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		METALS		21. TOTAL CORE RECOVERY
		0		0		0		N/A
22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL		OTHER (SPECIFY)		23. NAME OF INSPECTOR <b>Edmund Berry</b>
		X						
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c		FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
0.5		Concrete (6")						
		SP/SW - Brown c-f SAND, some gravel		PID - 0 ppm				Little Recovery 10:40 Not sampled
1								
2								
2.5								
3		Void						
4								
4.5								
5		SP/SW - Brown c-f SAND, some brown gravel						Little recovery Not sampled
Modified MRK Form 55 URSGWC Federal Services Log prepared				PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104			HOLE No. <b>SB12B3-1 R1</b>	

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HTW DRILLING LOG						HOLE No. SB12B3-1 R1	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Edmund Berry			SHEET 2 OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6							
6.5							End of boring
7							
8							
9							
10							
11							
12							
13							

BORING LOG						HOLE No. <b>SB12B3-1 R2</b>	
1. COMPANY NAME <b>URSGWC Federal Services</b>			2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET <b>1</b> OF <b>2 SHEETS</b>	
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>				4. LOCATION <b>Stratford, Connecticut</b>			
5. NAME OF DRILLER <b>Steve Butrej</b>				6. MANUFACTURER'S DESIGNATION OF DRILL <b>Black &amp; Decker Core Drill</b>			
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) <b>623,356.50</b>		8b. EASTING (CT NAD 83) <b>896,875.20</b>	
		3-inch split spoon					
				9. SURFACE ELEVATION <b>7.90 feet</b>			
				10. DATE STARTED <b>1/6/99</b>		11. DATE COMPLETED <b>1/6/99</b>	
12. OVERBURDEN THICKNESS <b>N/A</b>				15. DEPTH GROUNDWATER ENCOUNTERED <b>5.5 feet</b>			
13. DEPTH DRILLED INTO ROCK <b>N/A</b>				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>			
14. TOTAL DEPTH OF HOLE <b>6.5 feet</b>				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>			
18. GEOTECHNICAL SAMPLES		DISTURBED <b>0</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>	
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		21. TOTAL CORE RECOVERY	
		2		2		N/A	
22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL		23. NAME OF INSPECTOR <b>Edmund Berry</b>	
		X					
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
0.5		Concrete (6")					
1		SP/SM - Brown, silty, m-f SAND	PID - 0 ppm		SB12B3-1A		17" Recovery 11:10
2							
2.5		SP/SM - Brown m-f SAND, some silt	PID - 0 ppm		SB12B3-1B		19" Recovery 11:15
3		Becomes less silty					
4							
4.5		SP/SW - Brown c-f SAND, some gravel	PID - 0 ppm				17" Recovery Not sampled
5							
Modified MRK Form 55 URSGWC Federal Services Log prepared			PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104			HOLE No. <b>SB12B3-1 R2</b>	

7/24/02

HTW DRILLING LOG						HOLE No. SB12B3-1 R2	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Edmund Berry			SHEET OF 2 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6							
6.5							End of boring
7							
8							
9							
10							
11							
12							
13							

BORING LOG							HOLE No. <b>SB12B3-2 R1</b>		
1. COMPANY NAME <b>URSGWC Federal Services</b>				2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET 1 OF 1 SHEETS		
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>				4. LOCATION <b>Stratford, Connecticut</b>					
5. NAME OF DRILLER <b>Steve Butrej</b>				6. MANUFACTURER'S DESIGNATION OF DRILL <b>Black &amp; Decker Core Drill</b>					
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon			8a. NORTHING (CT NAD 83) <b>623,293.36</b>		8b. EASTING (CT NAD 83) <b>896,894.53</b>		
		3-inch split spoon			9. SURFACE ELEVATION <b>7.96</b>				
		Jackhammer			10. DATE STARTED <b>1/6/99</b>		11. DATE COMPLETED <b>1/6/99</b>		
12. OVERBURDEN THICKNESS <b>N/A</b>				15. DEPTH GROUNDWATER ENCOUNTERED <b>N/A</b>					
13. DEPTH DRILLED INTO ROCK <b>N/A</b>				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>					
14. TOTAL DEPTH OF HOLE <b>4.5 feet</b>				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>					
18. GEOTECHNICAL SAMPLES		DISTURBED <b>0</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>			
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC <b>0</b>		SEMI-VOCs <b>0</b>		METALS <b>0</b>		OTHER (SPECIFY) <b>N/A</b>	
22. DISPOSITION OF HOLE		BACKFILLED <b>X</b>		MONITORING WELL		OTHER (SPECIFY)		23. NAME OF INSPECTOR <b>Edmund Berry</b>	
DEPTH (FEET) <b>a</b>	SMPL. INT. <b>b</b>	DESCRIPTION OF MATERIALS <b>c</b>		FIELD SCREENING RESULTS <b>d</b>	GEOTECH SAMPLE OR CORE BOX No. <b>e</b>	ANALYTICAL SAMPLE No. <b>f</b>	BLOW COUNTS <b>g</b>	REMARKS <b>h</b>	
0.5		Concrete (6")							
1		SP/SW/GP - Gravelly, brown c-f SAND		PID - 0 ppm				4" Recovery Not sampled  The gravelly soil apparently clogged the spoon	
2									
2.5		SP/SW/GP - Same as above		PID - 0 ppm				3" Recovery Not sampled	
3									
4									
4.5								End of boring	
5									

Modified MRK Form 55  
 URSGWC Federal Services  
 Log prepared

PROJECT  
**Stratford Army Engine Plant Remedial Investigation**  
 Project No. R98104

HOLE No.  
**SB12B3-2 R1**

<b>BORING LOG</b>							HOLE No. <b>SB12B3-2 R2</b>	
1. COMPANY NAME URSGWC Federal Services				2. DRILLING SUBCONTRACTOR Connecticut Test Borings			SHEET 1 OF 1 SHEETS	
3. PROJECT Stratford Army Engine Plant Remedial Investigation				4. LOCATION Stratford, Connecticut				
5. NAME OF DRILLER Steve Butrej				6. MANUFACTURER'S DESIGNATION OF DRILL Black & Decker Core Drill				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) 623,293.36		8b. EASTING (CT NAD 83) 896,894.53		
		3-inch split spoon		9. SURFACE ELEVATION 7.96 feet				
		Jackhammer		10. DATE STARTED 1/6/99		11. DATE COMPLETED 1/6/99		
				12. OVERBURDEN THICKNESS N/A				
				15. DEPTH GROUNDWATER ENCOUNTERED N/A				
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A				
14. TOTAL DEPTH OF HOLE 4.5 feet				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A				
18. GEOTECHNICAL SAMPLES		DISTURBED 0		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC 0		SEMI-VOCs 0		METALS 0		OTHER (SPECIFY) N/A
		BACKFILLED X		MONITORING WELL		OTHER (SPECIFY)		21. TOTAL CORE RECOVERY N/A
22. DISPOSITION OF HOLE						23. NAME OF INSPECTOR Edmund Berry		
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c		FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
0.5		Concrete (6")						
1		SP/SW/GP - Gravelly, brown m-f SAND		PID - 0 ppm				5" Recovery Not sampled  The gravelly soil apparently clogged the spoon
2								
2.5		SP - Brown m-f SAND, trace gravel, with slight petroleum odor		PID - 4.1 ppm				6" Recovery Not sampled
3								
4								
4.5								End of boring
5								

Modified MRK Form 55  
 URSGWC Federal Services  
 Log prepared

PROJECT  
**Stratford Army Engine Plant Remedial Investigation**  
 Project No. R98104

HOLE No.  
**SB12B3-2 R2**

7/24/02

<b>BORING LOG</b>							HOLE No. <b>SB12B3-2 R3</b>		
1. COMPANY NAME <b>URSGWC Federal Services</b>				2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET <b>1</b> OF <b>1 SHEETS</b>		
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>				4. LOCATION <b>Stratford, Connecticut</b>					
5. NAME OF DRILLER <b>Steve Butrej</b>				6. MANUFACTURER'S DESIGNATION OF DRILL <b>Black &amp; Decker Core Drill</b>					
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) <b>623,293.36</b>		8b. EASTING (CT NAD 83) <b>896,894.53</b>			
		3-inch split spoon		9. SURFACE ELEVATION <b>7.96 feet</b>					
		Jackhammer		10. DATE STARTED <b>1/6/99</b>			11. DATE COMPLETED <b>1/6/99</b>		
				12. OVERBURDEN THICKNESS <b>N/A</b>					
				15. DEPTH GROUNDWATER ENCOUNTERED <b>N/A</b>					
13. DEPTH DRILLED INTO ROCK <b>N/A</b>				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>					
14. TOTAL DEPTH OF HOLE <b>4.5 feet</b>				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>					
18. GEOTECHNICAL SAMPLES		DISTURBED <b>0</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>			
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC <b>2</b>		SEMI-VOCs <b>2</b>		METALS <b>2</b>		OTHER (SPECIFY) <b>CN, PCB</b>	
								21. TOTAL CORE RECOVERY <b>N/A</b>	
22. DISPOSITION OF HOLE		BACKFILLED <b>X</b>		MONITORING WELL		OTHER (SPECIFY)		23. NAME OF INSPECTOR <b>Edmund Berry</b>	
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h		
0.5		Concrete (6")							
1		SP/SM - Brown, silty m-f SAND, trace gravel	PID - 40.3 ppm		SB12B3-2A		17" Recovery 15:00		
2									
2.5		SP - Brown m-f SAND, trace gravel, with slight petroleum odor	PID - 4.1 ppm		SB12B3-2B		18" Recovery 15:05		
3									
4									
4.5							End of boring		
5									

BORING LOG							HOLE No. <b>SB12B3-3</b>		
1. COMPANY NAME URSGWC Federal Services			2. DRILLING SUBCONTRACTOR Connecticut Test Borings			SHEET 1 OF 2 SHEETS			
3. PROJECT Stratford Army Engine Plant Remedial Investigation				4. LOCATION Stratford, Connecticut					
5. NAME OF DRILLER Steve Butrej				6. MANUFACTURER'S DESIGNATION OF DRILL Black & Decker Core Drill					
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) 623,356.39		8b. EASTING (CT NAD 83) 896,851.70			
		3-inch split spoon		9. SURFACE ELEVATION 7.98 feet		10. DATE STARTED 1/6/99		11. DATE COMPLETED 1/6/99	
		Jackhammer							
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED 5.25 feet					
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A					
14. TOTAL DEPTH OF HOLE 6.5 feet				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A					
18. GEOTECHNICAL SAMPLES		DISTURBED 1		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0			
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		METALS		OTHER (SPECIFY)	
		2		2		2		CN, PCB, Remediation	
21. TOTAL CORE RECOVERY N/A		22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL		OTHER (SPECIFY)	
		X						23. NAME OF INSPECTOR Edmund Berry	
DEPTH (FEET) a	SAMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h		
		Concrete (6")							
0.5		SM - Brown, c-f SAND, some gravel, silt	PID - 0 ppm		SB12B3-3A		17" Recovery 8:45 Remediation sample collected at this interval		
1									
2									
2.5		SP/SM - Brown m-f SAND, some silt	PID - 0 ppm		SB12B3-3B		18" Recovery 9:00		
3									
4									
4.5		SP/SW - Brown c-f SAND, some gravel	PID - 0 ppm				23" Recovery 9:20 Not sampled		
5									
Modified MRK Form 55 URSGWC Federal Services Log prepared 7/24/02			PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104			HOLE No. <b>SB12B3-3</b>			



HTW DRILLING LOG						HOLE No. SB12B3-3	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Edmund Berry			SHEET 2 OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6							
6.5							End of boring
7							
8							
9							
10							
11							
12							
13							

<b>BORING LOG</b>							HOLE No. <b>SB12B4-1 R1</b>		
1. COMPANY NAME <b>URSGWC Federal Services</b>				2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET <b>1</b> OF <b>1 SHEETS</b>		
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>				4. LOCATION <b>Stratford, Connecticut</b>					
5. NAME OF DRILLER <b>Heinz Brodesser</b>				6. MANUFACTURER'S DESIGNATION OF DRILL <b>CME-45 Truck-mounted drill rig</b>					
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) <b>623,053.95</b>		8b. EASTING (CT NAD 83) <b>897,281.66</b>			
				9. SURFACE ELEVATION <b>7.81 feet</b>					
				10. DATE STARTED <b>12/15/98</b>			11. DATE COMPLETED <b>12/15/98</b>		
12. OVERBURDEN THICKNESS <b>N/A</b>				15. DEPTH GROUNDWATER ENCOUNTERED <b>N/A</b>					
13. DEPTH DRILLED INTO ROCK <b>N/A</b>				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>					
14. TOTAL DEPTH OF HOLE <b>1.75 feet</b>				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>					
18. GEOTECHNICAL SAMPLES		DISTURBED <b>0</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>			
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC <b>1</b>		SEMI-VOCs <b>1</b>		METALS <b>1</b>		OTHER (SPECIFY) <b>CN, PCB</b>	
								21. TOTAL CORE RECOVERY <b>N/A</b>	
22. DISPOSITION OF HOLE		BACKFILLED <b>X</b>		MONITORING WELL		OTHER (SPECIFY)		23. NAME OF INSPECTOR <b>Edmund Berry</b>	
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h		
0.33		Asphalt (2")							
0.5		SP - Brown f. SAND, some gravel	PID - 0 ppm		SB12B4-1A	7	14" Recovery 11:45		
1						7			
1.75						50/5"	Refusal on concrete at 1' 9" depth		
2							End of boring		
3									
4									
5									
Modified MRK Form 55 URSGWC Federal Services Log prepared		PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104				HOLE No. <b>SB12B4-1 R1</b>			

BORING LOG							HOLE No. <b>SB12B4-1 R2</b>	
1. COMPANY NAME URSGWC Federal Services				2. DRILLING SUBCONTRACTOR Connecticut Test Borings			SHEET 1 OF 1 SHEETS	
3. PROJECT Stratford Army Engine Plant Remedial Investigation				4. LOCATION Stratford, Connecticut				
5. NAME OF DRILLER Heinz Brodesser				6. MANUFACTURER'S DESIGNATION OF DRILL CME-45 Truck-mounted drill rig				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) 623,053.95		8b. EASTING (CT NAD 83) 897,281.66		
				9. SURFACE ELEVATION 7.81 feet				
				10. DATE STARTED 12/15/98		11. DATE COMPLETED 12/15/98		
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED N/A				
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A				
14. TOTAL DEPTH OF HOLE 2 feet				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A				
18. GEOTECHNICAL SAMPLES		DISTURBED 0		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC 0		SEMI-VOCs 0		METALS 0		21. TOTAL CORE RECOVERY N/A
		OTHER (SPECIFY) N/A						
22. DISPOSITION OF HOLE		BACKFILLED X		MONITORING WELL		OTHER (SPECIFY)		23. NAME OF INSPECTOR Edmund Berry
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c		FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
1								Not sampled. Augered down to 1'9", continuing from previous run
1.75								12:00
2							50/3"	No Recovery End of boring
3								Second slab of concrete prevented advancing the spoon-
4								
5								

<div> <div>BORING LOG</div> <div>HOLE No. SB12B4-1 R3</div> </div>																																																																							
<div> <div>1. COMPANY NAME</div> <div>URSGWC Federal Services</div> </div>					<div> <div>2. DRILLING SUBCONTRACTOR</div> <div>Connecticut Test Borings</div> </div>					<div> <div>SHEET 1</div> <div>OF 2 SHEETS</div> </div>																																																													
<div> <div>3. PROJECT</div> <div>Stratford Army Engine Plant Remedial Investigation</div> </div>					<div> <div>4. LOCATION</div> <div>Stratford, Connecticut</div> </div>																																																																		
<div> <div>5. NAME OF DRILLER</div> <div>Heinz Brodesser</div> </div>					<div> <div>6. MANUFACTURER'S DESIGNATION OF DRILL</div> <div>CME-45 Truck-mounted drill rig</div> </div>																																																																		
<div> <div>7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT</div> </div>		<div> <div>2-inch split spoon</div> </div>			<div> <div>8a. NORTHING (CT NAD 83)</div> <div>623,053.95</div> </div>		<div> <div>8b. EASTING (CT NAD 83)</div> <div>896,281.66</div> </div>																																																																
					<div> <div>9. SURFACE ELEVATION</div> <div>7.81 feet</div> </div>																																																																		
					<div> <div>10. DATE STARTED</div> <div>12/15/98</div> </div>		<div> <div>11. DATE COMPLETED</div> <div>12/15/98</div> </div>																																																																
<div> <div>12. OVERBURDEN THICKNESS</div> <div>N/A</div> </div>					<div> <div>15. DEPTH GROUNDWATER ENCOUNTERED</div> <div>4.17 feet</div> </div>																																																																		
<div> <div>13. DEPTH DRILLED INTO ROCK</div> <div>N/A</div> </div>					<div> <div>16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED</div> <div>N/A</div> </div>																																																																		
<div> <div>14. TOTAL DEPTH OF HOLE</div> <div>5.1 feet</div> </div>					<div> <div>17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)</div> <div>N/A</div> </div>																																																																		
<div> <div>18. GEOTECHNICAL SAMPLES</div> </div>			<div> <div>DISTURBED</div> <div>0</div> </div>		<div> <div>UNDISTURBED</div> <div>0</div> </div>		<div> <div>19. TOTAL NUMBER OF CORE BOXES</div> <div>0</div> </div>																																																																
<div> <div>20. SAMPLES FOR CHEMICAL ANALYSIS</div> </div>			<div> <div>VOC</div> <div>1</div> </div>		<div> <div>SEMI-VOCs</div> <div>1</div> </div>		<div> <div>METALS</div> <div>1</div> </div>		<div> <div>OTHER (SPECIFY)</div> <div>CN, PCB</div> </div>		<div> <div>21. TOTAL CORE RECOVERY</div> <div>N/A</div> </div>																																																												
			<div> <div>BACKFILLED</div> <div>X</div> </div>		<div> <div>MONITORING WELL</div> </div>		<div> <div>OTHER (SPECIFY)</div> </div>		<div> <div>23. NAME OF INSPECTOR</div> <div>Edmund Berry</div> </div>																																																														
<table> <tr> <th>DEPTH (FEET)</th> <th>SMPL. INT.</th> <th>DESCRIPTION OF MATERIALS</th> <th>FIELD SCREENING RESULTS</th> <th>GEOTECH SAMPLE OR CORE BOX No.</th> <th>ANALYTICAL SAMPLE No.</th> <th>BLOW COUNTS</th> <th>REMARKS</th> </tr> <tr> <th>a</th> <th>b</th> <th>c</th> <th>d</th> <th>e</th> <th>f</th> <th>g</th> <th>h</th> </tr> <tr> <td rowspan="4">1</td> <td rowspan="4"></td> <td rowspan="4"></td> <td rowspan="4"></td> <td rowspan="4"></td> <td rowspan="4"></td> <td rowspan="4"></td> <td rowspan="4">           Drilled directly to a depth of 1' 9" to continue from previous runs         </td> </tr> <tr><td></td></tr> <tr><td></td></tr> <tr><td></td></tr> <tr> <td>1.75</td> <td rowspan="4">2</td> <td rowspan="4">SP/SW - Brown m-f SAND, some gravel</td> <td rowspan="4">PID - 0 ppm</td> <td rowspan="4"></td> <td rowspan="4"></td> <td rowspan="4">           4 3 3 3         </td> <td rowspan="4">           17" Recovery Not sampled         </td> </tr> <tr><td></td></tr> <tr><td></td></tr> <tr><td></td></tr> <tr> <td>3</td> <td rowspan="4">4</td> <td rowspan="4">SP/SW - Same as above, trace gravel</td> <td rowspan="4">PID - 0 ppm</td> <td rowspan="4"></td> <td rowspan="4">SB12B4-1C</td> <td rowspan="4">           3 3         </td> <td rowspan="4">           19" Recovery 12:25         </td> </tr> <tr><td></td></tr> <tr><td></td></tr> <tr><td></td></tr> <tr> <td>3.75</td> <td rowspan="4">5</td> <td rowspan="4"></td> <td rowspan="4"></td> <td rowspan="4"></td> <td rowspan="4"></td> <td rowspan="4"></td> <td rowspan="4"></td> </tr> <tr><td></td></tr> <tr><td></td></tr> <tr><td></td></tr> </table>												DEPTH (FEET)	SMPL. INT.	DESCRIPTION OF MATERIALS	FIELD SCREENING RESULTS	GEOTECH SAMPLE OR CORE BOX No.	ANALYTICAL SAMPLE No.	BLOW COUNTS	REMARKS	a	b	c	d	e	f	g	h	1							Drilled directly to a depth of 1' 9" to continue from previous runs				1.75	2	SP/SW - Brown m-f SAND, some gravel	PID - 0 ppm			4 3 3 3	17" Recovery Not sampled				3	4	SP/SW - Same as above, trace gravel	PID - 0 ppm		SB12B4-1C	3 3	19" Recovery 12:25				3.75	5									
DEPTH (FEET)	SMPL. INT.	DESCRIPTION OF MATERIALS	FIELD SCREENING RESULTS	GEOTECH SAMPLE OR CORE BOX No.	ANALYTICAL SAMPLE No.	BLOW COUNTS	REMARKS																																																																
a	b	c	d	e	f	g	h																																																																
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<div> <div>Modified MRK Form 55</div> <div>URSGWC Federal Services</div> <div>Log prepared 7/24/02</div> </div>					<div> <div>PROJECT</div> <div>Stratford Army Engine Plant Remedial Investigation</div> <div>Project No. R98104</div> </div>					<div> <div>HOLE No.</div> <div>SB12B4-1 R3</div> </div>																																																													

HTW DRILLING LOG						HOLE No. SB12B4-1 R3	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Edmund Berry			SHEET 2 OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
5.75						3	
6						2	End of boring
7							
8							
9							
10							
11							
12							
13							

Modified MRK Form 55  
URSGWC Federal Services  
Log prepared

7/24/02

PROJECT  
**Stratford Army Engine Plant Remedial Investigation**  
Project No. R98104

HOLE No.  
**SB12B4-1 R3**

BORING LOG							HOLE No. <b>SB12B5-1</b>	
1. COMPANY NAME URSGWC Federal Services				2. DRILLING SUBCONTRACTOR Connecticut Test Borings			SHEET 1 OF 2 SHEETS	
3. PROJECT Stratford Army Engine Plant Remedial Investigation				4. LOCATION Stratford, Connecticut				
5. NAME OF DRILLER John Oullette				6. MANUFACTURER'S DESIGNATION OF DRILL CME-45 Truck-mounted drill rig				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) 622,996.23		8b. EASTING (CT NAD 83) 897,323.30		
				9. SURFACE ELEVATION 7.13 feet				
				10. DATE STARTED 12/10/98		11. DATE COMPLETED 12/10/98		
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED 5.5 feet				
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A				
14. TOTAL DEPTH OF HOLE 6.67 feet				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A				
18. GEOTECHNICAL SAMPLES		DISTURBED 0		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		METALS		21. TOTAL CORE RECOVERY
		2		2		2		CN, PCB N/A
22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL		OTHER (SPECIFY)		23. NAME OF INSPECTOR Anthony Fernandez
		X						
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h	
0.67		Concrete (8")						
1		SP/SM - Brown f. SAND, trace silt, gravel, trace crushed red brick	PID - n/a		SB12B5-1A	8	16" Recovery 9:05 PID Malfunctioning	
2						7		
2.67		SP - Lt. Brown f. SAND, trace decomposed wood	PID - n/a			5		
3						5		
4						8	10" Recovery Not sampled	
4.67		SP - Brown f. SAND, trace gravel	PID - n/a		SB12B5-1C	15		
5						17		
						16		
						14	11" Recovery 9:30	
Modified MRK Form 55 URSGWC Federal Services Log prepared				PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104			HOLE No. <b>SB12B5-1</b>	

HTW DRILLING LOG						HOLE No. SB12B5-1	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Anthony Fernandez			SHEET 2 OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6						13	
6.67						13	
7						10	End of boring
8							
9							
10							
11							
12							
13							

<b>BORING LOG</b>										HOLE No. <b>SB12B6-1 R1</b>																																																																																																																									
1. COMPANY NAME <b>URSGWC Federal Services</b>					2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>					SHEET <b>1</b> OF <b>1 SHEETS</b>																																																																																																																									
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>					4. LOCATION <b>Stratford, Connecticut</b>																																																																																																																														
5. NAME OF DRILLER <b>John Oulette</b>					6. MANUFACTURER'S DESIGNATION OF DRILL <b>Black &amp; Decker Core Drill</b>																																																																																																																														
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT			3-inch split spoon			8a. NORTHING (CT NAD 83) <b>622,991.34</b>			8b. EASTING (CT NAD 83) <b>897,238.62</b>																																																																																																																										
						9. SURFACE ELEVATION <b>8.20 feet</b>																																																																																																																													
						10. DATE STARTED <b>12/10/98</b>			11. DATE COMPLETED <b>12/10/98</b>																																																																																																																										
12. OVERBURDEN THICKNESS <b>N/A</b>					15. DEPTH GROUNDWATER ENCOUNTERED <b>N/A</b>																																																																																																																														
13. DEPTH DRILLED INTO ROCK <b>N/A</b>					16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>																																																																																																																														
14. TOTAL DEPTH OF HOLE <b>2.5 feet</b>					17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>																																																																																																																														
18. GEOTECHNICAL SAMPLES			DISTURBED <b>0</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>																																																																																																																												
20. SAMPLES FOR CHEMICAL ANALYSIS			VOC <b>1</b>		SEMI-VOCs <b>1</b>		METALS <b>1</b>		OTHER (SPECIFY) <b>CN, PCB</b>		21. TOTAL CORE RECOVERY <b>N/A</b>																																																																																																																								
22. DISPOSITION OF HOLE			BACKFILLED <b>X</b>		MONITORING WELL		OTHER (SPECIFY)		23. NAME OF INSPECTOR <b>Anthony Fernandez</b>																																																																																																																										
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">DEPTH (FEET)</th> <th style="width: 5%;">SMPL. INT.</th> <th style="width: 30%;">DESCRIPTION OF MATERIALS</th> <th style="width: 15%;">FIELD SCREENING RESULTS</th> <th style="width: 15%;">GEOTECH SAMPLE OR CORE BOX No.</th> <th style="width: 10%;">ANALYTICAL SAMPLE No.</th> <th style="width: 5%;">BLOW COUNTS</th> <th style="width: 15%;">REMARKS</th> </tr> <tr> <th>a</th> <th>b</th> <th>c</th> <th>d</th> <th>e</th> <th>f</th> <th>g</th> <th>h</th> </tr> </thead> <tbody> <tr> <td>0.33</td> <td></td> <td>Asphalt (4")</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>SP - Lt. Brown m-f SAND, trace gravel</td> <td>PID - 0 ppm</td> <td></td> <td>SB12B6-1A</td> <td>50</td> <td>16" Recovery 8:15 3" spoon used</td> </tr> <tr> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>2</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>6</td> <td></td> </tr> <tr> <td>2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>2</td> <td></td> </tr> <tr> <td>2.33</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>No Recovery</td> </tr> <tr> <td>2.5</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>Refusal at 2.5 ft</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>END OF BORING</td> </tr> <tr> <td>3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>5</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>												DEPTH (FEET)	SMPL. INT.	DESCRIPTION OF MATERIALS	FIELD SCREENING RESULTS	GEOTECH SAMPLE OR CORE BOX No.	ANALYTICAL SAMPLE No.	BLOW COUNTS	REMARKS	a	b	c	d	e	f	g	h	0.33		Asphalt (4")								SP - Lt. Brown m-f SAND, trace gravel	PID - 0 ppm		SB12B6-1A	50	16" Recovery 8:15 3" spoon used	1						2								6		2						2		2.33							No Recovery	2.5							Refusal at 2.5 ft								END OF BORING	3																4																5							
DEPTH (FEET)	SMPL. INT.	DESCRIPTION OF MATERIALS	FIELD SCREENING RESULTS	GEOTECH SAMPLE OR CORE BOX No.	ANALYTICAL SAMPLE No.	BLOW COUNTS	REMARKS																																																																																																																												
a	b	c	d	e	f	g	h																																																																																																																												
0.33		Asphalt (4")																																																																																																																																	
		SP - Lt. Brown m-f SAND, trace gravel	PID - 0 ppm		SB12B6-1A	50	16" Recovery 8:15 3" spoon used																																																																																																																												
1						2																																																																																																																													
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Modified MRK Form 55 URSGWC Federal Services Log prepared					PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104					HOLE No. <b>SB12B6-1 R1</b>																																																																																																																									

7/24/02



BORING LOG						HOLE No. <b>SB12B6-1 R2</b>	
1. COMPANY NAME <b>URSGWC Federal Services</b>			2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET 1 OF 2 SHEETS	
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>			4. LOCATION <b>Stratford, Connecticut</b>				
5. NAME OF DRILLER <b>Steve Butrej</b>			6. MANUFACTURER'S DESIGNATION OF DRILL <b>Black &amp; Decker Core Drill</b>				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) <b>622,991.34</b>		8b. EASTING (CT NAD 83) <b>897,238.62</b>	
				9. SURFACE ELEVATION <b>8.20 feet</b>			
				10. DATE STARTED <b>12/10/98</b>		11. DATE COMPLETED <b>12/10/98</b>	
12. OVERBURDEN THICKNESS <b>N/A</b>			15. DEPTH GROUNDWATER ENCOUNTERED <b>5.5 feet</b>				
13. DEPTH DRILLED INTO ROCK <b>N/A</b>			16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>				
14. TOTAL DEPTH OF HOLE <b>6.33 feet</b>			17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>				
18. GEOTECHNICAL SAMPLES		DISTURBED <b>0</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>	
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC <b>1</b>		SEMI-VOCs <b>1</b>		21. TOTAL CORE RECOVERY <b>N/A</b>	
		METALS <b>1</b>		OTHER (SPECIFY) <b>CN, PCB</b>			
22. DISPOSITION OF HOLE		BACKFILLED <b>X</b>		MONITORING WELL		23. NAME OF INSPECTOR <b>Anthony Fernandez</b>	
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
0.33		Asphalt (4")					
1		SP - Lt. Brown f. SAND, trace gravel	PID - 0 ppm			4	12" Recovery 8:40 Not sampled. This interval was already sampled in Run 1.
2						4	
2.33		SP - Same as above	PID - 0 ppm			4	13" Recovery Not sampled
3						4	
4						2	
4.33		SP - Lt. Brown f. SAND	PID - 0 ppm		SB12B6-1 C	4	
5						9	15" Recovery 8:45
Modified MRK Form 55 URSGWC Federal Services Log prepared			PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104			HOLE No. <b>SB12B6-1 R2</b>	

HTW DRILLING LOG						HOLE No. <b>SB12B6-1 R2</b>	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Anthony Fernandez			SHEET 2 OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
						9	
						12	
6						13	
6.33							
7							
8							
9							
10							
11							
12							
13							

BORING LOG							HOLE No. <b>SB12B6-2</b>	
1. COMPANY NAME <b>URSGWC Federal Services</b>			2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET 1 OF 2 SHEETS		
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>				4. LOCATION <b>Stratford, Connecticut</b>				
5. NAME OF DRILLER <b>Heinz Brodesser</b>				6. MANUFACTURER'S DESIGNATION OF DRILL <b>CME-45 Truck-mounted drill rig</b>				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) <b>623,018.94</b>		8b. EASTING (CT NAD 83) <b>897,281.70</b>		
				9. SURFACE ELEVATION <b>7.97 feet</b>				
				10. DATE STARTED <b>12/15/98</b>		11. DATE COMPLETED <b>12/15/98</b>		
12. OVERBURDEN THICKNESS <b>N/A</b>				15. DEPTH GROUNDWATER ENCOUNTERED <b>4.25 feet</b>				
13. DEPTH DRILLED INTO ROCK <b>N/A</b>				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>				
14. TOTAL DEPTH OF HOLE <b>5.33 feet</b>				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>				
18. GEOTECHNICAL SAMPLES		DISTURBED <b>0</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		METALS		OTHER (SPECIFY)
		<b>2</b>		<b>2</b>		<b>2</b>		<b>CN, PCB</b>
21. TOTAL CORE RECOVERY <b>N/A</b>		22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL		OTHER (SPECIFY)
				<b>X</b>				
								23. NAME OF INSPECTOR <b>Edmund Berry</b>
DEPTH (FEET) a	SAMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h	
0.5		Asphalt (5")						
1		SM - Brown, silty, m-f SAND, trace gravel, c. sand	PID - 0 ppm		SB12B6-2A	3	23" Recovery 11:10	
2		SP - Brown, m-f SAND, trace gravel	PID - 0 ppm		SB12B6-2B	3	15" Recovery 11:15	
2.5						3		
3						3		
4						3		
4.5						3		
5						3	< 10% Recovery Not sampled	

Modified MRK Form 55  
 URSGWC Federal Services  
 Log prepared

PROJECT  
**Stratford Army Engine Plant Remedial Investigation**  
 Project No. R98104

HOLE No.  
**SB12B6-2**

7/24/02

HTW DRILLING LOG						HOLE No. SB12B6-2	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Edmund Berry			SHEET OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
5.33						50/4"	End of boring
6							
7							
8							
9							
10							
11							
12							
13							

BORING LOG							HOLE No. <b>SB12C1-1</b>	
1. COMPANY NAME URSGWC Federal Services			2. DRILLING SUBCONTRACTOR Connecticut Test Borings			SHEET 1 OF 2 SHEETS		
3. PROJECT Stratford Army Engine Plant Remedial Investigation				4. LOCATION Stratford, Connecticut				
5. NAME OF DRILLER Steve Butrej				6. MANUFACTURER'S DESIGNATION OF DRILL Black & Decker Core Drill				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) 623,409.82		8b. EASTING (CT NAD 83) 896,908.21		
		3-inch split spoon		9. SURFACE ELEVATION 7.99 feet				
		Jackhammer						
				10. DATE STARTED 12/29/98		11. DATE COMPLETED 12/29/98		
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED 5.92 feet				
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A				
14. TOTAL DEPTH OF HOLE 6.5 feet				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A				
18. GEOTECHNICAL SAMPLES		DISTURBED 0		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		METALS		OTHER (SPECIFY)
		2		2		2		CN, PCB
21. TOTAL CORE RECOVERY N/A		22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL		OTHER (SPECIFY)
		X						23. NAME OF INSPECTOR Ricardo Colón
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c		FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
		Concrete (6")						
0.5		SP/SM - Brown f. SAND, pockets of silt		PID - 0 ppm		SB12C1-1A		24" Recovery 13:55  MS/MSD samples collected at this interval  Duplicate sample taken at this interval (SB40A1-1A)
1								
2		SP - Brown f. SAND		PID - 0 ppm				24" Recovery
2.5								
3								
4								
4.5		SP - Same as above		PID - 0 ppm		SB12C1-1C		24" Recovery 14:30
5								
Modified MRK Form 55 URSGWC Federal Services Log prepared				PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104			HOLE No. <b>SB12C1-1</b>	

HTW DRILLING LOG						HOLE No. SB12C1-1	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Ricardo Colón			SHEET OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6							
6.5							End of boring
7							
8							
9							
10							
11							
12							
13							

<b>BORING LOG</b>										HOLE No. <b>SB12C1-2</b>		
1. COMPANY NAME URSGWC Federal Services					2. DRILLING SUBCONTRACTOR Connecticut Test Borings					SHEET 1 OF 2 SHEETS		
3. PROJECT Stratford Army Engine Plant Remedial Investigation					4. LOCATION Stratford, Connecticut							
5. NAME OF DRILLER Steve Butrej					6. MANUFACTURER'S DESIGNATION OF DRILL Black & Decker Core Drill							
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT			2-inch split spoon Jackhammer			8a. NORTHING (CT NAD 83) 623,345.50			8b. EASTING (CT NAD 83) 896,958.09			
					9. SURFACE ELEVATION 7.90 feet							
					10. DATE STARTED 12/29/98				11. DATE COMPLETED 12/29/98			
12. OVERBURDEN THICKNESS N/A					15. DEPTH GROUNDWATER ENCOUNTERED 5.83 feet							
13. DEPTH DRILLED INTO ROCK N/A					16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A							
14. TOTAL DEPTH OF HOLE 6.5 feet					17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A							
18. GEOTECHNICAL SAMPLES			DISTURBED 0		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0					
20. SAMPLES FOR CHEMICAL ANALYSIS			VOC 2		SEMI-VOCs 2		METALS 2		OTHER (SPECIFY) CN, PCB		21. TOTAL CORE RECOVERY N/A	
22. DISPOSITION OF HOLE			BACKFILLED X		MONITORING WELL		OTHER (SPECIFY)		23. NAME OF INSPECTOR Ricardo Colón			
DEPTH (FEET) a	SAMPL. INT. b	DESCRIPTION OF MATERIALS c			FIELD SCREENING RESULTS d		GEOTECH SAMPLE OR CORE BOX No. e		ANALYTICAL SAMPLE No. f		BLOW COUNTS g	REMARKS h
0.5		Concrete (6")										
1		SP - Lt. Brown f. SAND			PID - 0 ppm				SB12C1-2A			13" Recovery 15:00
2												
2.5		SP - Lt. Brown f. SAND, with pockets of sandy gravel			PID - 0 ppm							24" Recovery Not sampled
3												
4												
4.5		SP - Lt. Brown m-f SAND, trace c. sand			PID - 0 ppm				SB12C1-2C			24" Recovery 15:10
5												
Modified MRK Form 55 URSGWC Federal Services Log prepared					PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104					HOLE No. <b>SB12C1-2</b>		

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HTW DRILLING LOG						HOLE No. SB12C1-2	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Ricardo Colón			SHEET OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6							
6.5							End of boring
7							
8							
9							
10							
11							
12							
13							



BORING LOG							HOLE No. <b>SB12D1-1</b>	
1. COMPANY NAME <b>URSGWC Federal Services</b>			2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET 1 OF 1 SHEETS		
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>				4. LOCATION <b>Stratford, Connecticut</b>				
5. NAME OF DRILLER <b>Steve Butrej</b>				6. MANUFACTURER'S DESIGNATION OF DRILL <b>Black &amp; Decker Core Drill</b>				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) <b>622,908.97</b>		8b. EASTING (CT NAD 83) <b>897,750.37</b>		
		3-inch split spoon						
		Jackhammer		9. SURFACE ELEVATION <b>7.92 feet</b>				
				10. DATE STARTED <b>12/16/98</b>			11. DATE COMPLETED <b>12/16/98</b>	
12. OVERBURDEN THICKNESS <b>N/A</b>				15. DEPTH GROUNDWATER ENCOUNTERED <b>N/A</b>				
13. DEPTH DRILLED INTO ROCK <b>N/A</b>				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>				
14. TOTAL DEPTH OF HOLE <b>2.5 feet</b>				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>				
18. GEOTECHNICAL SAMPLES		DISTURBED <b>0</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		METALS		OTHER (SPECIFY)
		<b>1</b>		<b>1</b>		<b>1</b>		<b>CN, PCB</b>
21. TOTAL CORE RECOVERY <b>N/A</b>		22. DISPOSITION OF HOLE		BACKFILLED <b>X</b>		MONITORING WELL		OTHER (SPECIFY)
						23. NAME OF INSPECTOR <b>Ricardo Colón</b>		
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c		FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
		Concrete (6")						
0.5		SP - Lt. Brown f. SAND		PID - 1.3 ppm		SB12C1-1A		13" Recovery 8:30
1								MS/MSD samples collected at this interval
2								Refusal at 2.5 ft. There appears to be a second slab of concrete at that depth.
2.5								End of boring
3								
4								
5								
Modified MRK Form 55 URSGWC Federal Services Log prepared		PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104				HOLE No. <b>SB12D1-1</b>		

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BORING LOG						HOLE No. <b>SB12D1-2</b>	
1. COMPANY NAME URSGWC Federal Services			2. DRILLING SUBCONTRACTOR Connecticut Test Borings			SHEET 1 OF 1 SHEETS	
3. PROJECT Stratford Army Engine Plant Remedial Investigation			4. LOCATION Stratford, Connecticut				
5. NAME OF DRILLER Steve Butrej			6. MANUFACTURER'S DESIGNATION OF DRILL Black & Decker Core Drill				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) 622,897.74		8b. EASTING (CT NAD 83) 897,737.62	
		Jackhammer					
				9. SURFACE ELEVATION 7.95 feet			
				10. DATE STARTED 12/15/98		11. DATE COMPLETED 12/15/98	
12. OVERBURDEN THICKNESS N/A			15. DEPTH GROUNDWATER ENCOUNTERED 4.42 feet				
13. DEPTH DRILLED INTO ROCK N/A			16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A				
14. TOTAL DEPTH OF HOLE 4.5 feet			17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A				
18. GEOTECHNICAL SAMPLES		DISTURBED 0		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0	
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		21. TOTAL CORE RECOVERY	
		2		2		N/A	
22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL		23. NAME OF INSPECTOR Ricardo Colón	
		X					
DEPTH (FEET) a	SAMPL. INT. b	DESCRIPTION OF MATERIALS c		FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g
		Concrete (4")					
0.5		SP/SM - Brown f. SAND, some silt		PID - 0 ppm		SB12D1-2A	
1							24" Recovery 15:20
2							
2.5		SP/SM - Same as above		PID - 0 ppm		SB12D1-2B	
3							24" Recovery 15:25
4							
4.5							End of boring
5							

BORING LOG						HOLE No. <b>SB12D1-3 R1</b>	
1. COMPANY NAME <b>URSGWC Federal Services</b>			2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET <b>1</b> OF <b>1 SHEETS</b>	
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>			4. LOCATION <b>Stratford, Connecticut</b>				
5. NAME OF DRILLER <b>Steve Butrej</b>			6. MANUFACTURER'S DESIGNATION OF DRILL <b>Black &amp; Decker Core Drill</b>				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) <b>622,915.56</b>		8b. EASTING (CT NAD 83) <b>897,752.49</b>	
		Jackhammer					
				9. SURFACE ELEVATION <b>7.95 feet</b>			
				10. DATE STARTED <b>12/15/98</b>		11. DATE COMPLETED <b>12/15/98</b>	
12. OVERBURDEN THICKNESS <b>N/A</b>			15. DEPTH GROUNDWATER ENCOUNTERED <b>N/A</b>				
13. DEPTH DRILLED INTO ROCK <b>N/A</b>			16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>				
14. TOTAL DEPTH OF HOLE <b>2.5 feet</b>			17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>				
18. GEOTECHNICAL SAMPLES		DISTURBED <b>1</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>	
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC <b>1</b>		SEMI-VOCs <b>1</b>		21. TOTAL CORE RECOVERY <b>N/A</b>	
				METALS <b>1</b>		OTHER (SPECIFY) <b>CN, PCB, Remediation</b>	
22. DISPOSITION OF HOLE		BACKFILLED <b>X</b>		MONITORING WELL		23. NAME OF INSPECTOR <b>Ricardo Colón</b>	
				OTHER (SPECIFY)			
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
0.5		Concrete (6")					
1		SP - Lt. Brown-gray f. SAND, trace c. sand, silt	PID - 0 ppm		SB12D1-3A		12" Recovery 14:40
2							Remediation sample collected at this interval
2.5							Refusal at 2.5 ft. There appears to be a second slab of concrete at that depth
3							End of boring
4							
5							
Modified MRK Form 55 URSGWC Federal Services Log prepared			PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104			HOLE No. <b>SB12D1-3 R1</b>	

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BORING LOG						HOLE No. <b>SB12D1-3 R2</b>	
1. COMPANY NAME <b>URSGWC Federal Services</b>			2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET 1 OF 1 SHEETS	
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>			4. LOCATION <b>Stratford, Connecticut</b>				
5. NAME OF DRILLER <b>Steve Butrej</b>			6. MANUFACTURER'S DESIGNATION OF DRILL <b>Black &amp; Decker Core Drill</b>				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) <b>622,915.56</b>		8b. EASTING (CT NAD 83) <b>897,752.49</b>	
		Jackhammer					
				9. SURFACE ELEVATION <b>7.95 feet</b>			
				10. DATE STARTED <b>12/15/98</b>		11. DATE COMPLETED <b>12/15/98</b>	
12. OVERBURDEN THICKNESS <b>N/A</b>			15. DEPTH GROUNDWATER ENCOUNTERED <b>N/A</b>				
13. DEPTH DRILLED INTO ROCK <b>N/A</b>			16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>				
14. TOTAL DEPTH OF HOLE <b>2.5 feet</b>			17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>				
18. GEOTECHNICAL SAMPLES		DISTURBED <b>0</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>	
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC <b>0</b>		SEMI-VOCs <b>0</b>		METALS <b>0</b>	
		OTHER (SPECIFY) <b>N/A</b>		21. TOTAL CORE RECOVERY <b>N/A</b>			
22. DISPOSITION OF HOLE		BACKFILLED <b>X</b>		MONITORING WELL		OTHER (SPECIFY)	
						23. NAME OF INSPECTOR <b>Ricardo Colón</b>	
DEPTH (FEET) <small>a</small>	SMPL. INT. <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX No. <small>e</small>	ANALYTICAL SAMPLE No. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
0.5		Concrete (6")					
1		SP/SM - Brown f. SAND, trace silt	PID - 0 ppm				24" Recovery
2							Not sampled. This interval was already sampled in Run 1.
2.5							Refusal at 2.5 ft. There appears to be a second slab of concrete at that depth
3							End of boring
4							
5							
Modified MRK Form 55 URSGWC Federal Services Log prepared			PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104			HOLE No. <b>SB12D1-3 R2</b>	

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<b>BORING LOG</b>							HOLE No. <b>SB12D1-3 R3</b>		
1. COMPANY NAME <b>URSGWC Federal Services</b>			2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET <b>1</b> OF <b>1 SHEETS</b>			
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>				4. LOCATION <b>Stratford, Connecticut</b>					
5. NAME OF DRILLER <b>Steve Butrej</b>				6. MANUFACTURER'S DESIGNATION OF DRILL <b>Black &amp; Decker Core Drill</b>					
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon Jackhammer		8a. NORTHING (CT NAD 83) <b>622,914.56</b>		8b. EASTING (CT NAD 83) <b>897,752.49</b>			
				9. SURFACE ELEVATION <b>7.95 feet</b>					
				10. DATE STARTED <b>12/15/98</b>		11. DATE COMPLETED <b>12/15/98</b>			
12. OVERBURDEN THICKNESS <b>N/A</b>				15. DEPTH GROUNDWATER ENCOUNTERED <b>4.42 feet</b>					
13. DEPTH DRILLED INTO ROCK <b>N/A</b>				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>					
14. TOTAL DEPTH OF HOLE <b>4.5 feet</b>				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>					
18. GEOTECHNICAL SAMPLES		DISTURBED <b>0</b>	UNDISTURBED <b>0</b>	19. TOTAL NUMBER OF CORE BOXES <b>0</b>					
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC <b>1</b>	SEMI-VOCs <b>1</b>	METALS <b>1</b>	OTHER (SPECIFY) <b>CN</b>	21. TOTAL CORE RECOVERY <b>N/A</b>			
22. DISPOSITION OF HOLE		BACKFILLED <b>X</b>	MONITORING WELL	OTHER (SPECIFY)	23. NAME OF INSPECTOR <b>Ricardo Colón</b>				
DEPTH (FEET) <b>a</b>		SMPL. INT. <b>b</b>	DESCRIPTION OF MATERIALS <b>c</b>		FIELD SCREENING RESULTS <b>d</b>	GEOTECH SAMPLE OR CORE BOX No. <b>e</b>	ANALYTICAL SAMPLE No. <b>f</b>	BLOW COUNTS <b>g</b>	REMARKS <b>h</b>
1			Concrete (1 ft)						
2			SP/SM - Dk. brown f. SAND, some silt		PID - 0 ppm				12" Recovery  Not sampled. This interval was already sampled in Run 1.
2.5			SP/SM - Same as above		PID - 0 ppm		SB12D1-3B		24" Recovery 9:55  This hole was drilled next to the target room (instead of inside) to avoid the second slab of concrete found in previous runs.
3									
4									
4.5									End of boring
5									

Modified MRK Form 55 URSGWC Federal Services Log prepared	PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104	HOLE No. <b>SB12D1-3 R3</b>
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BORING LOG							HOLE No. <b>SB12E1-1</b>	
1. COMPANY NAME <b>URSGWC Federal Services</b>			2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET <b>1</b> OF <b>2 SHEETS</b>		
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>				4. LOCATION <b>Stratford, Connecticut</b>				
5. NAME OF DRILLER <b>Heinz Brodesser</b>				6. MANUFACTURER'S DESIGNATION OF DRILL <b>CME-45 Truck-mounted drill rig</b>				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) <b>623,327.09</b>		8b. EASTING (CT NAD 83) <b>897,054.97</b>		
		3-inch split spoon						
				9. SURFACE ELEVATION <b>8.14 feet</b>				
				10. DATE STARTED <b>12/15/98</b>		11. DATE COMPLETED <b>12/15/98</b>		
12. OVERBURDEN THICKNESS <b>N/A</b>				15. DEPTH GROUNDWATER ENCOUNTERED <b>5 feet</b>				
13. DEPTH DRILLED INTO ROCK <b>N/A</b>				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>				
14. TOTAL DEPTH OF HOLE <b>6.42 feet</b>				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>				
18. GEOTECHNICAL SAMPLES		DISTURBED <b>1</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC <b>2</b>		SEMI-VOCs <b>2</b>		METALS <b>2</b>		OTHER (SPECIFY) <b>CN, PCB, Remediation</b>
								21. TOTAL CORE RECOVERY <b>N/A</b>
22. DISPOSITION OF HOLE		BACKFILLED <b>X</b>		MONITORING WELL		23. NAME OF INSPECTOR <b>Edmund Berry</b>		
DEPTH (FEET) <b>a</b>	SMPL. INT. <b>b</b>	DESCRIPTION OF MATERIALS <b>c</b>		FIELD SCREENING RESULTS <b>d</b>	GEOTECH SAMPLE OR CORE BOX No. <b>e</b>	ANALYTICAL SAMPLE No. <b>f</b>	BLOW COUNTS <b>g</b>	REMARKS <b>h</b>
0.42		Asphalt (4")						
1		SM - Brown, m-f SAND, some gravel, silt		PID - 0 ppm		SB12E1-1A	10	21" Recovery 14:00 Remediation sample collected at this interval 3-inch spoon used
							17	
							15	
							16	
2		SP - Brown m-f SAND		PID - 0 ppm			45	20" Recovery Not sampled
							11	
							14	
							12	
4.42		SP - Same as above		PID - 0 ppm		SB12E1-1C	9	23" Recovery 14:10
5								

Modified MRK Form 55  
 URSGWC Federal Services  
 Log prepared

PROJECT  
**Stratford Army Engine Plant Remedial Investigation**  
 Project No. R98104

HOLE No.  
**SB12E1-1**

03/02/2000


HTW DRILLING LOG						HOLE No. SB12E1-1	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Edmund Berry			SHEET 2 OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6						10	End of boring
6.42						11	
						11	
7							
8							
9							
10							
11							
12							
13							

BORING LOG						HOLE No. <b>SB12E2-1</b>	
1. COMPANY NAME URSGWC Federal Services			2. DRILLING SUBCONTRACTOR Connecticut Test Borings			SHEET 1 OF 2 SHEETS	
3. PROJECT Stratford Army Engine Plant Remedial Investigation			4. LOCATION Stratford, Connecticut				
5. NAME OF DRILLER John Oullette			6. MANUFACTURER'S DESIGNATION OF DRILL Black & Decker Core Drill				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) 623,322.69		8b. EASTING (CT NAD 83) 897,002.33	
				9. SURFACE ELEVATION 7.79 feet			
				10. DATE STARTED 12/8/98		11. DATE COMPLETED 12/8/98	
				12. OVERBURDEN THICKNESS N/A			
				15. DEPTH GROUNDWATER ENCOUNTERED 6 feet			
				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A			
				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A			
18. GEOTECHNICAL SAMPLES		DISTURBED 0		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0	
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC 2		SEMI-VOCs 2		21. TOTAL CORE RECOVERY N/A	
				METALS 2		OTHER (SPECIFY) CN, PCB	
22. DISPOSITION OF HOLE		BACKFILLED X		MONITORING WELL		23. NAME OF INSPECTOR Anthony Fernandez	
				OTHER (SPECIFY)			
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
0.33		Asphalt (4")					
1		SP - Lt. Brown f. SAND, trace gravel, with a seam of black f. sand (2")	PID - 0 ppm		SB12E2-1A	5	13" Recovery 14:05
2		SP - Brown f. SAND, trace gravel	PID - 0 ppm			6	19" Recovery Not sampled
2.33						7	
3						8	
4						9	
4.33		SP - Same as above	PID - 0 ppm		SB12E2-1C	10	17" Recovery 14:15
5							
Modified MRK Form 55 URSGWC Federal Services Log prepared			PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104			HOLE No. <b>SB12E2-1</b>	



HTW DRILLING LOG						HOLE No. SB12E2-1	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Anthony Fernandez			SHEET 2 OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
						11	
						14	
6						14	
6.33							End of boring
7							
8							
9							
10							
11							
12							
13							

BORING LOG						HOLE No. <b>SB13A1-1</b>	
1. COMPANY NAME URSGWC Federal Services			2. DRILLING SUBCONTRACTOR Connecticut Test Borings			SHEET 1 OF 2 SHEETS	
3. PROJECT Stratford Army Engine Plant Remedial Investigation			4. LOCATION Stratford, Connecticut				
5. NAME OF DRILLER Steve Butrej			6. MANUFACTURER'S DESIGNATION OF DRILL Black & Decker Core Drill				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		3-inch split spoon		8a. NORTHING (CT NAD 83)		8b. EASTING (CT NAD 83)	
		Jackhammer		623,454.36		896,968.80	
				9. SURFACE ELEVATION 8.46 feet			
				10. DATE STARTED 12/29/98		11. DATE COMPLETED 12/29/98	
12. OVERBURDEN THICKNESS N/A			15. DEPTH GROUNDWATER ENCOUNTERED 6.25 feet				
13. DEPTH DRILLED INTO ROCK N/A			16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A				
14. TOTAL DEPTH OF HOLE 7.5 feet			17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A				
18. GEOTECHNICAL SAMPLES		DISTURBED 1		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0	
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		METALS	
		2		2		2	
22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL		OTHER (SPECIFY)	
		X					
						21. TOTAL CORE RECOVERY N/A	
						23. NAME OF INSPECTOR Ricardo Colón	
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
1		Concrete (18")					
1.5		SM - Dk. Brown, clayey, silty m-f SAND; micaceous	PID - 0.1 ppm		SB13A1-1A		24" Recovery 11:50  Duplicate samples collected for USACE independent analyses  Remediation sample collected at this interval
2							
3							
3.5		SP - Brown f. SAND	PID - 0 ppm				8" Recovery Not sampled
4							
5							
Modified MRK Form 55 URSGWC Federal Services Log prepared			PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104			HOLE No. <b>SB13A1-1</b>	

HTW DRILLING LOG						HOLE No. SB13A1-1	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Ricardo Colón			SHEET 2 OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
5.5		SP/SW - Brown, gravelly f. SAND, some c-f sand	PID - 0 ppm		SB13A1-1C		17" Recovery 12:20
6							Duplicate samples collected for USACE independent analyses
7							
7.5							End of boring
8							
9							
10							
11							
12							
13							

BORING LOG										HOLE No. <b>SB13B1-1</b>	
1. COMPANY NAME <b>URSGWC Federal Services</b>					2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>					SHEET <b>1</b> OF <b>2 SHEETS</b>	
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>					4. LOCATION <b>Stratford, Connecticut</b>						
5. NAME OF DRILLER <b>Heinz Brodessaer</b>					6. MANUFACTURER'S DESIGNATION OF DRILL <b>CME-45 Truck-mounted drill rig</b>						
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT			2-inch split spoon			8a. NORTHING (CT NAD 83) <b>623,376.42</b>			8b. EASTING (CT NAD 83) <b>897,343.48</b>		
			3-inch split spoon			9. SURFACE ELEVATION <b>7.70 feet</b>			10. DATE STARTED <b>12/14/98</b>		
						11. DATE COMPLETED <b>12/14/98</b>					
12. OVERBURDEN THICKNESS <b>N/A</b>					15. DEPTH GROUNDWATER ENCOUNTERED <b>4 feet</b>						
13. DEPTH DRILLED INTO ROCK <b>N/A</b>					16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>						
14. TOTAL DEPTH OF HOLE <b>6.5 feet</b>					17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>						
18. GEOTECHNICAL SAMPLES			DISTURBED <b>1</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>				
20. SAMPLES FOR CHEMICAL ANALYSIS			VOC		SEMI-VOCs		METALS		OTHER (SPECIFY)		21. TOTAL CORE RECOVERY <b>N/A</b>
			<b>2</b>		<b>2</b>		<b>2</b>		<b>CN, PCB, Remediation</b>		
22. DISPOSITION OF HOLE			BACKFILLED		MONITORING WELL		OTHER (SPECIFY)		23. NAME OF INSPECTOR <b>Edmund Berry</b>		
			<b>X</b>								
DEPTH (FEET) a	SAMPL. INT. b	DESCRIPTION OF MATERIALS c		FIELD SCREENING RESULTS d		GEOTECH SAMPLE OR CORE BOX No. e		ANALYTICAL SAMPLE No. f		BLOW COUNTS g	REMARKS h
0.5		Asphalt (5")									
1		SM - Dk. brown, silty, m-f SAND, trace gravel, c. sand		PID - 0 ppm				SB13B1-1A		13	24" Recovery 15:00  Remediation sample collected at this interval
2		ML/SM - Dk. Brown, sandy SILT		PID - 0 ppm				SB13B1-1B		6	21" Recovery 15:05
2.5										6	
3										1	
4										2	
4.5		ML/SM - Same as above		PID - 2 ppm						1	22" Recovery Not sampled
5										w/h	

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 URSGWC Federal Services  
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**PROJECT**  
**Stratford Army Engine Plant Remedial Investigation**  
 Project No. R98104

HOLE No. **SB13B1-1**

HTW DRILLING LOG						HOLE No. SB13B1-1	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Edmund Berry			SHEET 2 OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6							
6.5							End of boring
7							
8							
9							
10							
11							
12							
13							

BORING LOG							HOLE No. <b>SB13C1-1</b>	
1. COMPANY NAME <b>URSGWC Federal Services</b>			2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET 1 OF 2 SHEETS		
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>				4. LOCATION <b>Stratford, Connecticut</b>				
5. NAME OF DRILLER <b>Heinz Brodesser</b>				6. MANUFACTURER'S DESIGNATION OF DRILL <b>CME 45 Truck-mounted drill rig</b>				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) <b>623,368.17</b>		8b. EASTING (CT NAD 83) <b>897,452.37</b>		
				9. SURFACE ELEVATION <b>8.12 feet</b>				
				10. DATE STARTED <b>12/14/98</b>			11. DATE COMPLETED <b>12/14/98</b>	
12. OVERBURDEN THICKNESS <b>N/A</b>				15. DEPTH GROUNDWATER ENCOUNTERED <b>4.42 feet</b>				
13. DEPTH DRILLED INTO ROCK <b>N/A</b>				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>				
14. TOTAL DEPTH OF HOLE <b>6.5 feet</b>				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>				
18. GEOTECHNICAL SAMPLES		DISTURBED <b>0</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		METALS		OTHER (SPECIFY)
		<b>2</b>		<b>2</b>		<b>2</b>		<b>CN, PCB</b>
21. TOTAL CORE RECOVERY <b>N/A</b>		22. DISPOSITION OF HOLE		BACKFILLED <b>X</b>		MONITORING WELL		OTHER (SPECIFY)
								23. NAME OF INSPECTOR <b>Edmund Berry</b>
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h	
0.5		Asphalt (5")						
1		SP - Brown m-f SAND, trace gravel	PID - 0 ppm		SB13C1-1A	8	18" Recovery 11:20	
2						8		
2.5						8		
3		SP/SM - Brown, silty f. SAND, some brick material	PID - 0 ppm		SB13C1-1B	11	16" Recovery 11:25	
3.5						6		
4						6		
4.5						6		
5						2		
						1	No Recovery	
Modified MRK Form 55 URSGWC Federal Services Log prepared			PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104			HOLE No. <b>SB13C1-1</b>		

HTW DRILLING LOG						HOLE No. <b>SB13C1-1</b>	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Edmund Berry			SHEET 2 OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
						0	
						1	
6							
6.5						1	End of boring
7							
8							
9							
10							
11							
12							
13							

<b>BORING LOG</b>										HOLE No. <b>SB13D1-1</b>	
1. COMPANY NAME URSGWC Federal Services					2. DRILLING SUBCONTRACTOR Connecticut Test Borings					SHEET 1 OF 2 SHEETS	
3. PROJECT Stratford Army Engine Plant Remedial Investigation					4. LOCATION Stratford, Connecticut						
5. NAME OF DRILLER Heinz Brodesser					6. MANUFACTURER'S DESIGNATION OF DRILL Black & Decker Core Drill						
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT			2-inch split spoon			8a. NORTHING (CT NAD 83) 623,357.44			8b. EASTING (CT NAD 83) 897,527.89		
			3-inch split spoon			9. SURFACE ELEVATION 8.02 feet					
			10. DATE STARTED 12/14/98			11. DATE COMPLETED 12/14/98					
12. OVERBURDEN THICKNESS N/A					15. DEPTH GROUNDWATER ENCOUNTERED 6 feet						
13. DEPTH DRILLED INTO ROCK N/A					16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A						
14. TOTAL DEPTH OF HOLE 7 feet					17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A						
18. GEOTECHNICAL SAMPLES			DISTURBED 0		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0				
20. SAMPLES FOR CHEMICAL ANALYSIS			VOC		SEMI-VOCs		METALS		OTHER (SPECIFY)		21. TOTAL CORE RECOVERY  N/A
			2		2		2		CN, PCB		
22. DISPOSITION OF HOLE			BACKFILLED		MONITORING WELL		OTHER (SPECIFY)		23. NAME OF INSPECTOR Edmund Berry		
			X								
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d		GEOTECH SAMPLE OR CORE BOX No. e		ANALYTICAL SAMPLE No. f		BLOW COUNTS g	REMARKS h	
1		Concrete (8")								Driller cored 4" past concrete slab 11" Recovery 10:35	
2		SP/SM - Brown m-f SAND, some gravel	PID - 0 ppm				SB13D1-1A		9		
3		SP - Brown m-f SAND	PID - 0 ppm						6		
4									4		
5									4	11" Recovery Not sampled	
									2		
									2		
									1		
									2		

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 URSGWC Federal Services  
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PROJECT  
**Stratford Army Engine Plant Remedial Investigation**  
 Project No. R98104

HOLE No.  
**SB13D1-1**

7/24/02



HTW DRILLING LOG						HOLE No. SB13D1-1	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Edmund Berry			SHEET 2 OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6		SP - Brown m-f SAND, trace gravel	PID - 0 ppm		SB13D1-1C	6	11" Recovery 10:45
5							
3							
2							
7							End of boring
8							
9							
10							
11							
12							
13							

BORING LOG						HOLE No. <b>SB13D1-2</b>	
1. COMPANY NAME URSGWC Federal Services			2. DRILLING SUBCONTRACTOR Connecticut Test Borings			SHEET 1 OF 2 SHEETS	
3. PROJECT Stratford Army Engine Plant Remedial Investigation			4. LOCATION Stratford, Connecticut				
5. NAME OF DRILLER Heinz Brodesser			6. MANUFACTURER'S DESIGNATION OF DRILL CME-45 Truck-mounted drill rig				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) 623,306.18		8b. EASTING (CT NAD 83) 897,571.80	
		3-inch split spoon					
				9. SURFACE ELEVATION 8.15 feet			
				10. DATE STARTED 12/14/98		11. DATE COMPLETED 12/14/98	
12. OVERBURDEN THICKNESS N/A			15. DEPTH GROUNDWATER ENCOUNTERED 5 feet				
13. DEPTH DRILLED INTO ROCK N/A			16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A				
14. TOTAL DEPTH OF HOLE 7 feet			17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A				
18. GEOTECHNICAL SAMPLES		DISTURBED 1		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0	
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		21. TOTAL CORE RECOVERY	
		2		2		N/A	
22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL		23. NAME OF INSPECTOR Edmund Berry	
		X					
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
0.33		Asphalt (4")					
		Concrete (6")					
1		SM - Brown, m-f SAND, some silt, trace c. sand; micaceous	PID - 0 ppm		SB13D1-2A	11	19" Recovery 9:15 Remediation sample collected at this interval 3" spoon used
	13						
2	8						
	6						
3		SP/SM - Same as above	PID - 0 ppm			5	19" Recovery Not sampled
	7						
4	5						
	4						
5							
Modified MRK Form 55 URSGWC Federal Services Log prepared			PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104			HOLE No. <b>SB13D1-2</b>	

HTW DRILLING LOG						HOLE No. SB13D1-2	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Edmund Berry			SHEET OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6		SP/SM - Same as above	PID - 0 ppm		SB13D1-2C	1	23" Recovery 9:25
7						1	
7						1	
8							
9							
10							
11							
12							
13							

BORING LOG							HOLE No. <b>SB13D1-3</b>	
1. COMPANY NAME URSGWC Federal Services			2. DRILLING SUBCONTRACTOR Connecticut Test Borings			SHEET 1 OF 2 SHEETS		
3. PROJECT Stratford Army Engine Plant Remedial Investigation				4. LOCATION Stratford, Connecticut				
5. NAME OF DRILLER Heinz Brodesser				6. MANUFACTURER'S DESIGNATION OF DRILL CME-45 Truck-mounted drill rig				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) 623,280.61		8b. EASTING (CT NAD 83) 897,495.19		
				9. SURFACE ELEVATION 7.79 feet				
				10. DATE STARTED 12/14/98		11. DATE COMPLETED 12/14/98		
12. OVERBURDEN THICKNESS N/A				15. DEPTH GROUNDWATER ENCOUNTERED 6 feet				
13. DEPTH DRILLED INTO ROCK N/A				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A				
14. TOTAL DEPTH OF HOLE 6.5 feet				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A				
18. GEOTECHNICAL SAMPLES		DISTURBED 0		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC 2		SEMI-VOCs 2		METALS 2		21. TOTAL CORE RECOVERY CN, PCB N/A
22. DISPOSITION OF HOLE		BACKFILLED X		MONITORING WELL		OTHER (SPECIFY)		23. NAME OF INSPECTOR Edmund Berry
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c		FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
0.5		Concrete (6")						
1		SP/SM - Dk. Brown, silty m-f SAND		PID - 0.2 ppm		SB13D1-3A	8	20" Recovery 13:25
2							6	
2.5		SP/SM - Same as above		PID - 218 ppm			5	
3							5	
4							4	17" Recovery Not sampled
4.5		SP/SM - Same as above, with strong odor		PID - 416 ppm		SB13D1-3C	4	
5							3	23" Recovery 13:35
Modified MRK Form 55 URSGWC Federal Services Log prepared 7/24/02				PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104			HOLE No. <b>SB13D1-3</b>	

HTW DRILLING LOG						HOLE No. SB13D1-3	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Edmund Berry			SHEET 2 OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6						5	23" Recovery 9:25
6.5						6	
7						6	
8							End of boring
9							
10							
11							
12							
13							

BORING LOG							HOLE No. <b>SB13E1-1</b>	
1. COMPANY NAME URSGWC Federal Services			2. DRILLING SUBCONTRACTOR Connecticut Test Borings			SHEET 1 OF 2 SHEETS		
3. PROJECT Stratford Army Engine Plant Remedial Investigation			4. LOCATION Stratford, Connecticut					
5. NAME OF DRILLER Heinz Brodesser			6. MANUFACTURER'S DESIGNATION OF DRILL CME-45 Truck-mounted drill rig					
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) 623,255.71		8b. EASTING (CT NAD 83) 897,464.48		
		3-inch split spoon		9. SURFACE ELEVATION 7.99 feet				
				10. DATE STARTED 12/14/98		11. DATE COMPLETED 12/14/98		
12. OVERBURDEN THICKNESS N/A			15. DEPTH GROUNDWATER ENCOUNTERED 5.5 feet					
13. DEPTH DRILLED INTO ROCK N/A			16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A					
14. TOTAL DEPTH OF HOLE 6.5 feet			17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A					
18. GEOTECHNICAL SAMPLES		DISTURBED 1		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		METALS		OTHER (SPECIFY)
		2		2		2		CN, PCB, Remediation
21. TOTAL CORE RECOVERY N/A		22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL		OTHER (SPECIFY)
		X						23. NAME OF INSPECTOR Edmund Berry
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h	
0.5		Concrete (3")					Driller cored 3" past concrete slab	
1		SM - Brown, m-f SAND, some silt, trace gravel c. sand	PID - bkqd		SB13E1-1A	6	17" Recovery 14:00 Remediation sample collected at this interval	
2						7	3" spoon used	
2.5		SP - Brown m-f SAND	PID - 10.1 ppm		SB13E1-1B	2	21" Recovery	
3						3	Sampled for VOCs only.	
4						4		
4.5		SP - Same as above, with odor	PID - 383 ppm		SB13E1-1C	4	18" Recovery 14:10 Did not sample for VOCs	
5								
Modified MRK Form 55 URSGWC Federal Services Log prepared			PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104			HOLE No. <b>SB13E1-1</b>		

HTW DRILLING LOG						HOLE No. <b>SB13E1-1</b>	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Edmund Berry			SHEET OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6						4	End of boring
6.5						5	
7						4	
8							
9							
10							
11							
12							
13							

<b>BORING LOG</b>							HOLE No. <b>SB13F1-1 R1</b>		
1. COMPANY NAME <b>URSGWC Federal Services</b>				2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET <b>1</b> OF <b>1 SHEETS</b>		
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>				4. LOCATION <b>Stratford, Connecticut</b>					
5. NAME OF DRILLER <b>John Oullette</b>				6. MANUFACTURER'S DESIGNATION OF DRILL <b>Black &amp; Decker Core Drill</b>					
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		3-inch split spoon			8a. NORTHING (CT NAD 83) <b>623,173.59</b>		8b. EASTING (CT NAD 83) <b>897,353.02</b>		
		Jackhammer							
					9. SURFACE ELEVATION <b>7.90 feet</b>				
					10. DATE STARTED <b>12/28/98</b>		11. DATE COMPLETED <b>12/28/98</b>		
12. OVERBURDEN THICKNESS <b>N/A</b>				15. DEPTH GROUNDWATER ENCOUNTERED <b>N/A</b>					
13. DEPTH DRILLED INTO ROCK <b>N/A</b>				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>					
14. TOTAL DEPTH OF HOLE <b>2 feet</b>				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>					
18. GEOTECHNICAL SAMPLES		DISTURBED <b>0</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>			
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC <b>0</b>		SEMI-VOCs <b>0</b>		METALS <b>0</b>		21. TOTAL CORE RECOVERY <b>N/A</b>	
		OTHER (SPECIFY)							
22. DISPOSITION OF HOLE		BACKFILLED <b>X</b>		MONITORING WELL		23. NAME OF INSPECTOR <b>Ricardo Colón</b>			
				OTHER (SPECIFY)					
DEPTH (FEET) <b>a</b>	SMPL. INT. <b>b</b>	DESCRIPTION OF MATERIALS <b>c</b>		FIELD SCREENING RESULTS <b>d</b>	GEOTECH SAMPLE OR CORE BOX No. <b>e</b>	ANALYTICAL SAMPLE No. <b>f</b>	BLOW COUNTS <b>g</b>	REMARKS <b>h</b>	
1		Concrete (24")						10:30 Unable to break through concrete slab End of boring	
2									
3									
4									
5									

Modified MRK Form 55  
 URSGWC Federal Services  
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**PROJECT**  
**Stratford Army Engine Plant Remedial Investigation**  
 Project No. R98104

HOLE No.  
**SB13F1-1 R1**



<b>BORING LOG</b>										HOLE No. <b>SB13F1-1 R2</b>				
1. COMPANY NAME <b>URSGWC Federal Services</b>					2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>					SHEET <b>1</b> OF <b>1 SHEETS</b>				
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>					4. LOCATION <b>Stratford, Connecticut</b>									
5. NAME OF DRILLER <b>John Oullette</b>					6. MANUFACTURER'S DESIGNATION OF DRILL <b>Black &amp; Decker Core Drill</b>									
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT			3-inch split spoon			8a. NORTHING (CT NAD 83) <b>623,173.59</b>			8b. EASTING (CT NAD 83) <b>897,353.02</b>					
			Jackhammer			9. SURFACE ELEVATION <b>7.90 feet</b>			10. DATE STARTED <b>12/28/98</b>			11. DATE COMPLETED <b>12/28/98</b>		
12. OVERBURDEN THICKNESS <b>N/A</b>					15. DEPTH GROUNDWATER ENCOUNTERED <b>N/A</b>									
13. DEPTH DRILLED INTO ROCK <b>N/A</b>					16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>									
14. TOTAL DEPTH OF HOLE <b>2 feet</b>					17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>									
18. GEOTECHNICAL SAMPLES			DISTURBED <b>0</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>							
20. SAMPLES FOR CHEMICAL ANALYSIS			VOC <b>0</b>		SEMI-VOCs <b>0</b>		METALS <b>0</b>		OTHER (SPECIFY)		21. TOTAL CORE RECOVERY <b>N/A</b>			
22. DISPOSITION OF HOLE			BACKFILLED <b>X</b>		MONITORING WELL		OTHER (SPECIFY)		23. NAME OF INSPECTOR <b>Ricardo Colón</b>					
DEPTH (FEET) <b>a</b>	SMPL. INT. <b>b</b>	DESCRIPTION OF MATERIALS <b>c</b>			FIELD SCREENING RESULTS <b>d</b>		GEOTECH SAMPLE OR CORE BOX No. <b>e</b>		ANALYTICAL SAMPLE No. <b>f</b>		BLOW COUNTS <b>g</b>	REMARKS <b>h</b>		
1		Concrete (24")										11:40 Unable to break through concrete slab End of boring		
2														
3														
4														
5														

<b>BORING LOG</b>							HOLE No. <b>SB13F1-1 R3</b>		
1. COMPANY NAME <b>URSGWC Federal Services</b>			2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET <b>1</b> OF <b>2 SHEETS</b>			
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>				4. LOCATION <b>Stratford, Connecticut</b>					
5. NAME OF DRILLER <b>John Oullette</b>				6. MANUFACTURER'S DESIGNATION OF DRILL <b>Black &amp; Decker Core Drill</b>					
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		3-inch split spoon		8a. NORTHING (CT NAD 83) <b>623,173.59</b>		8b. EASTING (CT NAD 83) <b>897,353.02</b>			
				9. SURFACE ELEVATION <b>7.90 feet</b>					
				10. DATE STARTED <b>12/28/98</b>		11. DATE COMPLETED <b>12/28/98</b>			
12. OVERBURDEN THICKNESS <b>N/A</b>				15. DEPTH GROUNDWATER ENCOUNTERED <b>6 feet</b>					
13. DEPTH DRILLED INTO ROCK <b>N/A</b>				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>					
14. TOTAL DEPTH OF HOLE <b>6.75 feet</b>				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>					
18. GEOTECHNICAL SAMPLES		DISTURBED <b>1</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>			
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC <b>2</b>		SEMI-VOCs <b>2</b>		METALS <b>2</b>		OTHER (SPECIFY) <b>CN, PCB, Remediation</b>	
								<b>N/A</b>	
22. DISPOSITION OF HOLE		BACKFILLED <b>X</b>		MONITORING WELL		OTHER (SPECIFY)		23. NAME OF INSPECTOR <b>Ricardo Colón</b>	
DEPTH (FEET) <b>a</b>	SMPL. INT. <b>b</b>	DESCRIPTION OF MATERIALS <b>c</b>		FIELD SCREENING RESULTS <b>d</b>	GEOTECH SAMPLE OR CORE BOX No. <b>e</b>	ANALYTICAL SAMPLE No. <b>f</b>	BLOW COUNTS <b>g</b>	REMARKS <b>h</b>	
0.75 <b>1</b>		Concrete (9")							
2.75 <b>3</b>		SM - Brown m-f SAND, some silt, trace gravel, c. sand; micaceous		PID - 0 ppm		SB13F1-1A		20" Recovery 13:30  Duplicate sample was collected for USACE independent analyses  Remediation sample collected at this interval	
4.75 <b>5</b>		SM - Same as above		PID - 0 ppm				24" Recovery Not sampled	
		SM - Same as above		PID - 0 ppm		SB13F1-1C		24" Recovery 13:55	
Modified MRK Form 55 URSGWC Federal Services Log prepared				PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104			HOLE No. <b>SB13F1-1 R3</b>		

HTW DRILLING LOG						HOLE No. <b>SB13F1-1 R3</b>	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Ricardo Colón			SHEET OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6.75							Duplicate sample was collected for USACE independent analyses
6							End of boring
7							
8							
9							
10							
11							
12							
13							

<b>BORING LOG</b>							HOLE No. <b>SB13G1-1</b>		
1. COMPANY NAME URSGWC Federal Services			2. DRILLING SUBCONTRACTOR Connecticut Test Borings				SHEET 1 OF 2 SHEETS		
3. PROJECT Stratford Army Engine Plant Remedial Investigation			4. LOCATION Stratford, Connecticut						
5. NAME OF DRILLER Steve Butrej			6. MANUFACTURER'S DESIGNATION OF DRILL Black & Decker Core Drill						
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		3-inch split spoon		8a. NORTHING (CT NAD 83) 623,301.51		8b. EASTING (CT NAD 83) 897,226.78			
		Jackhammer		9. SURFACE ELEVATION 7.91 feet					
				10. DATE STARTED 12/29/98		11. DATE COMPLETED 12/29/98			
				12. OVERBURDEN THICKNESS N/A					
13. DEPTH DRILLED INTO ROCK N/A			15. DEPTH GROUNDWATER ENCOUNTERED 5.67 feet						
14. TOTAL DEPTH OF HOLE 5.67 feet			16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A						
17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A			18. GEOTECHNICAL SAMPLES						
		DISTURBED 1		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0			
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		METALS		OTHER (SPECIFY)	
		2		2		2		CN, PCB, Remediation	
21. TOTAL CORE RECOVERY N/A		BACKFILLED		MONITORING WELL		OTHER (SPECIFY)		23. NAME OF INSPECTOR Ricardo Colón	
		X							
22. DISPOSITION OF HOLE									
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h		
1		Concrete (12")							
2		SW-SM - Brown f. SAND, trace gravel, c. sand silt; micaceous	PID - 0 ppm		SB13G1-1A		22" Recovery 7:50  Duplicate sample taken for USACE's independent analyses  Remediation sample collected at this interval		
3		SW-SM - Same as above	PID - 0 ppm				18" Recovery  Not sampled		
4									
5									
Modified MRK Form 55 URSGWC Federal Services Log prepared			PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104				HOLE No. <b>SB13G1-1</b>		

HTW DRILLING LOG						HOLE No. SB13G1-1	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Ricardo Colón			SHEET OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6		SW-SM - Same as above	PID - 0 ppm		SB13G1-1C		18" Recovery 8:00  Duplicate sample taken for USACE's independent analyses
7							End of boring
8							
9							
10							
11							
12							
13							

BORING LOG						HOLE No. <b>SB13H1-1</b>	
1. COMPANY NAME URSGWC Federal Services			2. DRILLING SUBCONTRACTOR Connecticut Test Borings			SHEET 1 OF 2 SHEETS	
3. PROJECT Stratford Army Engine Plant Remedial Investigation			4. LOCATION Stratford, Connecticut				
5. NAME OF DRILLER Steve Butrej			6. MANUFACTURER'S DESIGNATION OF DRILL Black & Decker Core Drill				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		3-inch split spoon		8a. NORTHING (CT NAD 83) 623,249.90		8b. EASTING (CT NAD 83) 897,399.59	
		Jackhammer		9. SURFACE ELEVATION 7.84 feet			
				10. DATE STARTED 12/28/98		11. DATE COMPLETED 12/28/98	
12. OVERBURDEN THICKNESS N/A			15. DEPTH GROUNDWATER ENCOUNTERED 6.67 feet				
13. DEPTH DRILLED INTO ROCK N/A			16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A				
14. TOTAL DEPTH OF HOLE 6.75 feet			17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A				
18. GEOTECHNICAL SAMPLES		DISTURBED 1		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0	
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		METALS	
		2		2		2	
		BACKFILLED		MONITORING WELL		OTHER (SPECIFY)	
22. DISPOSITION OF HOLE		X				23. NAME OF INSPECTOR Ricardo Colón	
21. TOTAL CORE RECOVERY		N/A					
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
		Concrete (9")					
0.75							
1		SM - Brown, silty, m-f SAND, trace c. sand; micaceous	PID - 0 ppm		SB13H1-1A		24" Recovery  Duplicate samples collected for USACE's independent analyses  Remediation sample collected at this interval
2							
2.75							
3		SM - Same as above	PID - 0 ppm				18" Recovery  Not sampled
4							
4.75							
5		SM - Same as above	PID - 0.4 ppm		SB13H1-1C		24" Recovery 15:20
Modified MRK Form 55 URSGWC Federal Services Log prepared			PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104			HOLE No. <b>SB13H1-1</b>	

HTW DRILLING LOG						HOLE No. SB13H1-1	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Ricardo Colón			SHEET 2 OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6							Duplicate samples collected for USACE's independent analyses
6.75							End of boring
7							
8							
9							
10							
11							
12							
13							

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7/24/02

PROJECT  
**Stratford Army Engine Plant Remedial Investigation**  
Project No. R98104

HOLE No.  
**SB13H1-1**

BORING LOG										HOLE No. <b>SB1311-1</b>	
1. COMPANY NAME URSGWC Federal Services					2. DRILLING SUBCONTRACTOR Connecticut Test Borings					SHEET 1 OF 2 SHEETS	
3. PROJECT Stratford Army Engine Plant Remedial Investigation					4. LOCATION Stratford, Connecticut						
5. NAME OF DRILLER John Oullette					6. MANUFACTURER'S DESIGNATION OF DRILL CME-45 Truck-mounted drill rig						
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT			2-inch split spoon			8a. NORTHING (CT NAD 83) 623,055.01			8b. EASTING (CT NAD 83) 897,348.46		
			3-inch split spoon			9. SURFACE ELEVATION 7.63 feet			10. DATE STARTED 12/10/98		
						11. DATE COMPLETED 12/10/98					
12. OVERBURDEN THICKNESS N/A					15. DEPTH GROUNDWATER ENCOUNTERED 5 feet						
13. DEPTH DRILLED INTO ROCK N/A					16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A						
14. TOTAL DEPTH OF HOLE 6.67 feet					17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A						
18. GEOTECHNICAL SAMPLES			DISTURBED 0		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0				
20. SAMPLES FOR CHEMICAL ANALYSIS			VOC 2		SEMI-VOCs 2		METALS 2		OTHER (SPECIFY) CN, PCB		21. TOTAL CORE RECOVERY N/A
			BACKFILLED X		MONITORING WELL		OTHER (SPECIFY)		23. NAME OF INSPECTOR Anthony Fernandez		
22. DISPOSITION OF HOLE											
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h				
		Concrete (8")									
0.75											
1		SM - Dk. brown f. SAND, some silt, trace gravel, c. sand	PID - n/a		SB1311-1A	13	13" Recovery 9:50				
						8	3" spoon used				
							MS/MSD samples collected at this interval				
2						11	Duplicate sample collected at this interval				
						9					
2.75											
3		SP - Lt. Brown m-f SAND, trace gravel	PID - n/a			3	15" Recovery Not sampled				
						2					
4						3					
						5					
4.75											
5		SP - Lt. Gray f. SAND, trace gravel	PID - n/a		SB1311-1C		15" Recovery 10:00				
Modified MRK Form 55 URSGWC Federal Services Log prepared			PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104					HOLE No. <b>SB1311-1</b>			



HTW DRILLING LOG						HOLE No. <b>SB1311-1</b>	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Anthony Fernandez			SHEET OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
						4	
						5	
6						5	
6.75						6	End of boring
7							
8							
9							
10							
11							
12							
13							

BORING LOG							HOLE No. <b>SB13J1-1</b>	
1. COMPANY NAME <b>URSGWC Federal Services</b>			2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET 1 OF 2 SHEETS		
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>				4. LOCATION <b>Stratford, Connecticut</b>				
5. NAME OF DRILLER <b>Heinz Brodesser</b>				6. MANUFACTURER'S DESIGNATION OF DRILL <b>CME-45 Truck-mounted drill rig</b>				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) <b>623,349.47</b>		8b. EASTING (CT NAD 83) <b>897,262.09</b>		
				9. SURFACE ELEVATION <b>7.79 feet</b>				
				10. DATE STARTED <b>12/21/98</b>			11. DATE COMPLETED <b>12/21/98</b>	
12. OVERBURDEN THICKNESS <b>N/A</b>				15. DEPTH GROUNDWATER ENCOUNTERED <b>5 feet</b>				
13. DEPTH DRILLED INTO ROCK <b>N/A</b>				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>				
14. TOTAL DEPTH OF HOLE <b>6.75 feet</b>				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>				
18. GEOTECHNICAL SAMPLES		DISTURBED <b>0</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC <b>2</b>		SEMI-VOCs <b>2</b>		METALS <b>2</b>		OTHER (SPECIFY) <b>CN, PCB</b>
								21. TOTAL CORE RECOVERY <b>N/A</b>
22. DISPOSITION OF HOLE		BACKFILLED <b>X</b>		MONITORING WELL		OTHER (SPECIFY)		23. NAME OF INSPECTOR <b>Edmund Berry</b>
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c		FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
		Concrete (8")						
0.75		SP/SW - Brown m-f SAND, some gravel		PID - n/a		SB13J1-1A	4	18" Recovery 10:40  MS/MSD samples collected at this interval
1		SP/SW - Same as above		PID - n/a			3	18" Recovery Not sampled
2		SP/SW - Same as above		PID - n/a			3	18" Recovery Not sampled
2.75		SP/SW - Same as above		PID - n/a			2	18" Recovery Not sampled
3		SP/SW - Same as above		PID - n/a			1	18" Recovery Not sampled
4		SP/SW - Same as above		PID - n/a			2	18" Recovery Not sampled
4.75		SP/SW - Same as above		PID - n/a			1	18" Recovery Not sampled
5								

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**PROJECT**  
**Stratford Army Engine Plant Remedial Investigation**  
 Project No. R98104

HOLE No. **SB13J1-1**

7/24/02

HTW DRILLING LOG						HOLE No. SB13J1-1	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Edmund Berry			SHEET 2 OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
						3	End of boring
						3	
6						3	
6.75						4	
7							
8							
9							
10							
11							
12							
13							

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PROJECT  
**Stratford Army Engine Plant Remedial Investigation**  
Project No. R98104

HOLE No.  
**SB13J1-1**

BORING LOG							HOLE No. <b>SB13J1-2</b>	
1. COMPANY NAME <b>URSGWC Federal Services</b>			2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET <b>1</b> OF <b>2 SHEETS</b>		
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>				4. LOCATION <b>Stratford, Connecticut</b>				
5. NAME OF DRILLER <b>Heinz Brodesser</b>				6. MANUFACTURER'S DESIGNATION OF DRILL <b>CME-45 Truck-mounted drill rig</b>				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) <b>623,434.98</b>		8b. EASTING (CT NAD 83) <b>897,361.35</b>		
		Jackhammer		9. SURFACE ELEVATION <b>8.21 feet</b>		10. DATE STARTED <b>12/14/98</b>		
				11. DATE COMPLETED <b>12/14/98</b>				
12. OVERBURDEN THICKNESS <b>N/A</b>				15. DEPTH GROUNDWATER ENCOUNTERED <b>5 feet</b>				
13. DEPTH DRILLED INTO ROCK <b>N/A</b>				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>				
14. TOTAL DEPTH OF HOLE <b>6.67 feet</b>				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>				
18. GEOTECHNICAL SAMPLES		DISTURBED <b>0</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC <b>2</b>		SEMI-VOCs <b>2</b>		METALS <b>2</b>		OTHER (SPECIFY) <b>CN, PCB</b>
								21. TOTAL CORE RECOVERY <b>N/A</b>
22. DISPOSITION OF HOLE		BACKFILLED <b>X</b>		MONITORING WELL		23. NAME OF INSPECTOR <b>Edmund Berry</b>		
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h	
0.67		SP - Brown m-f SAND, some gravel	PID - 0 ppm		SB13J1-1A		16" Recovery 15:45	
2.67		SP - Same as above, trace gravel	PID - 0 ppm				17" Recovery  Not sampled	
4.67		SP - Same as above, trace gravel	PID - 0 ppm		SB13J1-1C		12" Recovery 15:55	

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**PROJECT**  
**Stratford Army Engine Plant Remedial Investigation**  
 Project No. R98104

HOLE No. **SB13J1-2**

7/24/02

HTW DRILLING LOG						HOLE No. SB13J1-2	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Edmund Berry			SHEET OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6							
6.67							End of boring
7							
8							
9							
10							
11							
12							
13							

BORING LOG							HOLE No. <b>SB14A2-1</b>	
1. COMPANY NAME <b>URSGWC Federal Services</b>			2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET 1 OF 2 SHEETS		
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>				4. LOCATION <b>Stratford, Connecticut</b>				
5. NAME OF DRILLER <b>John DeAngelis</b>				6. MANUFACTURER'S DESIGNATION OF DRILL <b>CME-45 Truck-mounted drill rig</b>				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) <b>623,577.29</b>		8b. EASTING (CT NAD 83) <b>897,277.47</b>		
				9. SURFACE ELEVATION <b>7.01 feet</b>				
				10. DATE STARTED <b>12/7/98</b>		11. DATE COMPLETED <b>12/7/98</b>		
12. OVERBURDEN THICKNESS <b>N/A</b>				15. DEPTH GROUNDWATER ENCOUNTERED				
13. DEPTH DRILLED INTO ROCK <b>N/A</b>				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>				
14. TOTAL DEPTH OF HOLE <b>6 feet</b>				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>				
18. GEOTECHNICAL SAMPLES		DISTURBED <b>0</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC <b>2</b>		SEMI-VOCs <b>2</b>		METALS <b>2</b>		OTHER (SPECIFY) <b>CN, PCB</b>
								21. TOTAL CORE RECOVERY <b>N/A</b>
22. DISPOSITION OF HOLE		BACKFILLED <b>X</b>		MONITORING WELL		OTHER (SPECIFY)		23. NAME OF INSPECTOR <b>Anthony Fernandez</b>
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c		FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
0.5		Asphalt (2")						
1		SP - Brown, m-f SAND, trace gravel		PID - 0 ppm		SB14A2-1A	5	30% Recovery 9:05
							27	
							7	
2							8	No Recovery
							10	
3							9	
							9	
4		SP - Gray-brown c-m SAND				SB14A2-1C	5	95% Recovery 9:15
5							5	

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**PROJECT**  
**Stratford Army Engine Plant Remedial Investigation**  
 Project No. R98104

HOLE No.  
**SB14A2-1**

7/24/02

HTW DRILLING LOG						HOLE No. SB14A2-1	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Anthony Fernandez			SHEET OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6		Color grades to brown				4	End of boring
						5	
7							
8							
9							
10							
11							
12							
13							

BORING LOG						HOLE No. <b>SB14A2-2 R1</b>	
1. COMPANY NAME <b>URSGWC Federal Services</b>			2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET 1 OF 2 SHEETS	
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>			4. LOCATION <b>Stratford, Connecticut</b>				
5. NAME OF DRILLER <b>John DeAngelis</b>			6. MANUFACTURER'S DESIGNATION OF DRILL <b>CME-45 Truck-mounted drill rig</b>				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) <b>623,609.50</b>		8b. EASTING (CT NAD 83) <b>897,262.24</b>	
				9. SURFACE ELEVATION <b>7.16 feet</b>			
				10. DATE STARTED <b>12/7/98</b>		11. DATE COMPLETED <b>12/7/98</b>	
12. OVERBURDEN THICKNESS <b>N/A</b>			15. DEPTH GROUNDWATER ENCOUNTERED <b>4 feet</b>				
13. DEPTH DRILLED INTO ROCK <b>N/A</b>			16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>				
14. TOTAL DEPTH OF HOLE <b>6 feet</b>			17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>				
18. GEOTECHNICAL SAMPLES		DISTURBED <b>0</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>	
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC <b>1</b>		SEMI-VOCs <b>1</b>		21. TOTAL CORE RECOVERY <b>N/A</b>	
				METALS <b>1</b>		OTHER (SPECIFY) <b>CN, PCB</b>	
22. DISPOSITION OF HOLE		BACKFILLED <b>X</b>		MONITORING WELL		23. NAME OF INSPECTOR <b>Edmund Berry</b>	
				OTHER (SPECIFY)			
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
0.25		Asphalt (3")					
		SP - Brown m-f SAND, trace gravel			SB14A2-2A		40% Recovery 9:50
1							
		SP - Same as above					95% Recovery Not sampled
2							
3							
4							
5							5% Recovery Not sampled because of insufficient recovery
Modified MRK Form 55 URSGWC Federal Services Log prepared			PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104			HOLE No. <b>SB14A2-2 R1</b>	



HTW DRILLING LOG						HOLE No. SB14A2-2 R1	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Edmund Berry			SHEET 2 OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6							End of boring
7							
8							
9							
10							
11							
12							
13							

BORING LOG						HOLE No. <b>SB14A2-2 R2</b>	
1. COMPANY NAME URSGWC Federal Services			2. DRILLING SUBCONTRACTOR Connecticut Test Borings			SHEET 1 OF 2 SHEETS	
3. PROJECT Stratford Army Engine Plant Remedial Investigation			4. LOCATION Stratford, Connecticut				
5. NAME OF DRILLER John DeAngelis			6. MANUFACTURER'S DESIGNATION OF DRILL CME-45 Truck-mounted drill rig				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) 623,609.50		8b. EASTING (CT NAD 83) 897,262.24	
				9. SURFACE ELEVATION 7.16 feet			
				10. DATE STARTED 12/14/98		11. DATE COMPLETED 12/14/98	
12. OVERBURDEN THICKNESS N/A			15. DEPTH GROUNDWATER ENCOUNTERED 5 feet				
13. DEPTH DRILLED INTO ROCK N/A			16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A				
14. TOTAL DEPTH OF HOLE 6 feet			17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A				
18. GEOTECHNICAL SAMPLES		DISTURBED 0		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0	
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC 1		SEMI-VOCs 1		21. TOTAL CORE RECOVERY N/A	
				METALS 1		OTHER (SPECIFY) CN, PCB	
22. DISPOSITION OF HOLE		BACKFILLED X		MONITORING WELL		23. NAME OF INSPECTOR Edmund Berry	
OTHER (SPECIFY)							
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
1							Driller augered down to a depth of 4 ft to grab bottom sample  The top sample was collected in Run 1
2							
3							
4							
5		SP - Brown f. SAND, trace gravel			SB14A2-2C	3	12" Recovery 10:20
						2	

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PROJECT  
**Stratford Army Engine Plant Remedial Investigation**  
 Project No. R98104

HOLE No.  
**SB14A2-2 R2**

7/24/02

HTW DRILLING LOG						HOLE No. <b>SB14A2-2 R2</b>	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Edmund Berry			SHEET OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6						2	
						1	End of boring
7							
8							
9							
10							
11							
12							
13							

BORING LOG							HOLE No. <b>SB15A1-1</b>	
1. COMPANY NAME <b>URSGWC Federal Services</b>			2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET 1 OF 2 SHEETS		
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>				4. LOCATION <b>Stratford, Connecticut</b>				
5. NAME OF DRILLER <b>Heinz Brodesser</b>				6. MANUFACTURER'S DESIGNATION OF DRILL <b>CME-45 Truck-mounted drill rig</b>				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) <b>622,444.62</b>		8b. EASTING (CT NAD 83) <b>897,215.92</b>		
		3-inch split spoon						
				9. SURFACE ELEVATION <b>8.10 feet</b>				
				10. DATE STARTED <b>12/21/98</b>		11. DATE COMPLETED <b>12/21/98</b>		
12. OVERBURDEN THICKNESS <b>N/A</b>				15. DEPTH GROUNDWATER ENCOUNTERED <b>6 feet</b>				
13. DEPTH DRILLED INTO ROCK <b>N/A</b>				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>				
14. TOTAL DEPTH OF HOLE <b>6.25 feet</b>				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>				
18. GEOTECHNICAL SAMPLES		DISTURBED <b>1</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC <b>2</b>		SEMI-VOCs <b>2</b>		METALS <b>2</b>		OTHER (SPECIFY) <b>CN, PCB, Remediation</b>
								21. TOTAL CORE RECOVERY <b>N/A</b>
22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL		23. NAME OF INSPECTOR <b>Edmund Berry</b>		
		<b>X</b>						
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h	
0.25		Asphalt (2")						
1		SP - Brown, m-f SAND	PID - 0 ppm		SB15A1-1A	11	15" Recovery 15:30	
						19	Remediation sample collected at this interval	
						13	3" spoon used	
2						9		
2.25		SP/SM - Brown, m-f SAND, some silt	PID - 0 ppm			3	17" Recovery Not sampled	
3						2		
						1		
4						2		
4.25		SP - Brown, m-f SAND, some gravel			SB15A1-1C	5	21" Recovery 15:40	
5								
Modified MRK Form 55 URSGWC Federal Services Log prepared			PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104			HOLE No. <b>SB15A1-1</b>		

HTW DRILLING LOG						HOLE No. SB15A1-1	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Edmund Berry			SHEET 2 OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
						6	
						8	
6						9	
6.25							End of boring
7							
8							
9							
10							
11							
12							
13							

BORING LOG						HOLE No. <b>SB16A1-1</b>	
1. COMPANY NAME <b>URSGWC Federal Services</b>			2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET 1 OF 1 SHEETS	
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>			4. LOCATION <b>Stratford, Connecticut</b>				
5. NAME OF DRILLER <b>Steve Butrej</b>			6. MANUFACTURER'S DESIGNATION OF DRILL <b>Black &amp; Decker Core Drill</b>				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) <b>622,957.03</b>		8b. EASTING (CT NAD 83) <b>897,831.42</b>	
		Jackhammer					
				9. SURFACE ELEVATION <b>7.86 feet</b>			
				10. DATE STARTED <b>12/15/98</b>		11. DATE COMPLETED <b>12/15/98</b>	
12. OVERBURDEN THICKNESS <b>N/A</b>			15. DEPTH GROUNDWATER ENCOUNTERED <b>4.25 feet</b>				
13. DEPTH DRILLED INTO ROCK <b>N/A</b>			16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>				
14. TOTAL DEPTH OF HOLE <b>4.5 feet</b>			17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>				
18. GEOTECHNICAL SAMPLES		DISTURBED <b>0</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>	
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		21. TOTAL CORE RECOVERY	
		<b>2</b>		<b>2</b>		<b>2</b>	
22. DISPOSITION OF HOLE		BACKFILLED <b>X</b>		MONITORING WELL		23. NAME OF INSPECTOR <b>Ricardo Colón</b>	
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
		Concrete (6")					
1		SP/SM - Brown f. SAND, trace silt	PID - 0 ppm		SB16A1-1A		16" Recovery 13:05
2							
2.5		SP/SM - Same as above	PID - 0 ppm		SB16A1-1B		24" Recovery 13:10
3							Only the silty segment was sampled
4		OL/ML/SM - Dk. Gray, low plasticity, ORGANIC SILT, some sand					
4.5							End of boring
5							
Modified MRK Form 55 URSGWC Federal Services Log prepared			PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104			HOLE No. <b>SB16A1-1</b>	

BORING LOG							HOLE No. <b>SB16A1-2</b>		
1. COMPANY NAME URSGWC Federal Services			2. DRILLING SUBCONTRACTOR Connecticut Test Borings			SHEET 1 OF 1 SHEETS			
3. PROJECT Stratford Army Engine Plant Remedial Investigation			4. LOCATION Stratford, Connecticut						
5. NAME OF DRILLER Steve Butrej			6. MANUFACTURER'S DESIGNATION OF DRILL Black & Decker Core Drill						
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) 622,977.09		8b. EASTING (CT NAD 83) 897,810.90			
		Jackhammer		9. SURFACE ELEVATION 7.89 feet					
				10. DATE STARTED 12/15/98			11. DATE COMPLETED 12/15/98		
12. OVERBURDEN THICKNESS N/A			15. DEPTH GROUNDWATER ENCOUNTERED 4.25 feet						
13. DEPTH DRILLED INTO ROCK N/A			16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A						
14. TOTAL DEPTH OF HOLE 4.5 feet			17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A						
18. GEOTECHNICAL SAMPLES		DISTURBED 0		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0			
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC		SEMI-VOCs		METALS		OTHER (SPECIFY)	
		2		2		2		CN, PCB	
22. DISPOSITION OF HOLE		BACKFILLED		MONITORING WELL		23. NAME OF INSPECTOR Ricardo Colón			
		X							
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h		
0.5		Concrete (6")							
1		SP/SM - Brown f. SAND, some silt	PID - 0 ppm		SB16A1-2A		17" Recovery 11:25		
2									
2.5		SP/SM - Same as above	PID - 0 ppm		SB16A1-2B		24" Recovery 11:30		
3		ML/SM - Dk. Grav, low plasticity, sandy SILT							
4									
4.5							End of boring		
5									
Modified MRK Form 55 URSGWC Federal Services Log prepared			PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b> Project No. R98104			HOLE No. <b>SB16A1-2</b>			

BORING LOG							HOLE No. <b>SB16A1-3</b>	
1. COMPANY NAME <b>URSGWC Federal Services</b>				2. DRILLING SUBCONTRACTOR <b>Connecticut Test Borings</b>			SHEET 1 OF 1 SHEETS	
3. PROJECT <b>Stratford Army Engine Plant Remedial Investigation</b>				4. LOCATION <b>Stratford, Connecticut</b>				
5. NAME OF DRILLER <b>Steve Butrej</b>				6. MANUFACTURER'S DESIGNATION OF DRILL <b>CME-45 Truck-mounted drill rig</b>				
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		2-inch split spoon		8a. NORTHING (CT NAD 83) <b>623,003.01</b>		8b. EASTING (CT NAD 83) <b>897,791.40</b>		
		3-inch split spoon		9. SURFACE ELEVATION <b>7.90 feet</b>				
		Jackhammer						
						10. DATE STARTED <b>12/15/98</b>		11. DATE COMPLETED <b>12/15/98</b>
12. OVERBURDEN THICKNESS <b>N/A</b>				15. DEPTH GROUNDWATER ENCOUNTERED <b>4.42 feet</b>				
13. DEPTH DRILLED INTO ROCK <b>N/A</b>				16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED <b>N/A</b>				
14. TOTAL DEPTH OF HOLE <b>4.5 feet</b>				17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) <b>N/A</b>				
18. GEOTECHNICAL SAMPLES		DISTURBED <b>1</b>		UNDISTURBED <b>0</b>		19. TOTAL NUMBER OF CORE BOXES <b>0</b>		
20. SAMPLES FOR CHEMICAL ANALYSIS		VOC <b>2</b>		SEMI-VOCs <b>2</b>		METALS <b>2</b>		OTHER (SPECIFY) <b>CN, PCB, Remediation</b>
								21. TOTAL CORE RECOVERY <b>N/A</b>
22. DISPOSITION OF HOLE		BACKFILLED <b>X</b>		MONITORING WELL		23. NAME OF INSPECTOR <b>Ricardo Colón</b>		
DEPTH (FEET) a	SAMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h	
0.5		Concrete (6")						
1		SM - Brown, m-f SAND, some silt	PID - 0 ppm		SB16A1-3A		19" Recovery 9:45 Remediation sample collected at this interval	
2								
2.5		ML/SM - Dk. Brown, nonplastic, f. sandy SILT	PID - 0 ppm		SB16A1-3B		24" Recovery 9:50	
3								
4								
4.5							End of boring	
5								



BORING LOG										HOLE No. <b>SB16A1-4</b>			
1. COMPANY NAME URSGWC Federal Services					2. DRILLING SUBCONTRACTOR Connecticut Test Borings					SHEET 1 OF 2 SHEETS			
3. PROJECT Stratford Army Engine Plant Remedial Investigation					4. LOCATION Stratford, Connecticut								
5. NAME OF DRILLER Steve Butrej					6. MANUFACTURER'S DESIGNATION OF DRILL CME-45 Truck-mounted drill rig								
7. SIZE AND TYPES OF DRILLING AND SAMPLING EQUIPMENT			2-inch split spoon		8a. NORTHING (CT NAD 83) 623,024.32			8b. EASTING (CT NAD 83) 897,772.26					
			3-inch split spoon		9. SURFACE ELEVATION 7.93 feet			10. DATE STARTED 12/15/98			11. DATE COMPLETED 12/15/98		
			Jackhammer										
12. OVERBURDEN THICKNESS N/A					15. DEPTH GROUNDWATER ENCOUNTERED 4.5 feet								
13. DEPTH DRILLED INTO ROCK N/A					16. DEPTH TO WATER AND ELAPSED TIME AFTER DRILLING COMPLETED N/A								
14. TOTAL DEPTH OF HOLE 6.5 feet					17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A								
18. GEOTECHNICAL SAMPLES			DISTURBED 0		UNDISTURBED 0		19. TOTAL NUMBER OF CORE BOXES 0						
20. SAMPLES FOR CHEMICAL ANALYSIS			VOC		SEMI-VOCs		METALS		OTHER (SPECIFY)		21. TOTAL CORE RECOVERY		
			2		2		2		CN, PCB		N/A		
22. DISPOSITION OF HOLE			BACKFILLED		MONITORING WELL		OTHER (SPECIFY)		23. NAME OF INSPECTOR Ricardo Colón				
			X		SB16A1-4								
DEPTH (FEET) a	SMPL. INT. b	DESCRIPTION OF MATERIALS c			FIELD SCREENING RESULTS d		GEOTECH SAMPLE OR CORE BOX No. e		ANALYTICAL SAMPLE No. f		BLOW COUNTS g	REMARKS h	
0.5		Concrete (6")											
1		SP/SM - Brown, f. SAND, trace silt			PID - 0 ppm				SB16A1-4A			11" Recovery 10:30  Duplicate sample collected at this interval (SB50A1-7A)	
2		SP/SM - Same as above			PID - 0 ppm				SB16A1-4B			24" Recovery 10:35	
2.5													
3		SP/SM - Same as above										Not sampled	
3.5													
4		SP/SM - Same as above											
4.5													
5													

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PROJECT  
**Stratford Army Engine Plant Remedial Investigation**  
 Project No. R98104

HOLE No.  
**SB16A1-4**

7/24/02

HTW DRILLING LOG						HOLE No. SB16A1-4	
PROJECT Stratford Army Engine Plant Remedial Investigation			INSPECTOR Ricardo Colón			SHEET 2 OF 2 SHEETS	
DEPTH a	SMPL. INT. b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX No. e	ANALYTICAL SAMPLE No. f	BLOW COUNTS g	REMARKS h
6							
6.5							End of boring
7							
8							
9							
10							
11							
12							
13							